	FORM 3 AMENDED REPORT									
APPLIC	1. WELL NAME and NUMBER NBU 641-13E									
2. TYPE OF WORK DRILL NEW WELL	REENTER P8	A WELL DEEPE	EN WELL	-@		3. FIELD OR WILDCAT NATURAL BUTTES				
4. TYPE OF WELL Gas Well	Coalb	ed Methane Well: NO				5. UNIT or COMMUI	NITIZATION AGREINATURAL BUTTES	EMENT NAME		
6. NAME OF OPERATOR	EOG Resou	rces, Inc.				7. OPERATOR PHO	NE 435 781-9111			
8. ADDRESS OF OPERATOR	ast Highway 40	, Vernal, UT, 84078				9. OPERATOR E-MA kaylene_g	IL gardner@eogresource	es.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNE	_			12. SURFACE OWN				
U-08512-A-ST 13. NAME OF SURFACE OWNER (if box 12 =	'fee')	FEDERAL (INC	DIAN () STATE (FEE (III)	FEDERAL INI	DIAN (STATE (
15. ADDRESS OF SURFACE OWNER (if box 1	.2 = 'tee')					16. SURFACE OWNI	ER E-MAIL (IT DOX 1	.2 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM	IONS			19. SLANT				
		YES (Submit C	Commin	gling Applicat	ion) NO 📵	VERTICAL 📵 DIF	RECTIONAL (HO	ORIZONTAL (
20. LOCATION OF WELL	FO	OTAGES	Q1	r-Qtr	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE	990 FN	L 1184 FEL	ı	NENE	13	10.0 S	22.0 E	S		
Top of Uppermost Producing Zone	990 FN	L 1184 FEL	ı	NENE	13	10.0 S	22.0 E	S		
At Total Depth	990 FN	L 1184 FEL	ı	NENE	13	10.0 S	22.0 E	S		
21. COUNTY UINTAH		22. DISTANCE TO N		T LEASE LIN 36	T LEASE LINE (Feet) 23. NUMBER OF ACRES IN DRILLING UNIT 40					
		25. DISTANCE TO N (Applied For Drilling	g or Co							
27. ELEVATION - GROUND LEVEL 5297		28. BOND NUMBER	619	6017			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225			
		A.	TTACH	IMENTS						
VERIFY THE FOLLOWING A	RE ATTACH	ED IN ACCORCAN	CE WI	TH THE UT	AH OIL AND G	AS CONSERVATION	ON GENERAL RU	LES		
WELL PLAT OR MAP PREPARED BY L	CENSED SUR	VEYOR OR ENGINEE	R	сом	PLETE DRILLING PLAN					
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EMENT (IF FEE SURF	ACE)	FORM	1 5. IF OPERATO	R IS OTHER THAN TI	HE LEASE OWNER			
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY TOPOGRAPHICAL MAP										
NAME Kaylene Gardner TITLE Regulatory Administrator					PHONE 435 781-9111					
SIGNATURE DATE 09/11/2008					EMAIL kayle	ne_gardner@eogresoເ	irces.com			
API NUMBER ASSIGNED APPROVAL 43047500580000					Permit	Manager				

Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)				
Cond	17.5	13.375	0	60				
Pipe	Grade	Length	Weight					
	Grade H-40 ST&C	60	48.0					
	Cement Interval	Top (MD)	Bottom (MD)					
		0	60					
		Cement Description	Class	Sacks	Yield	Weight		
			Class C Cement	0	0.0	0.0		

Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)				
Surf	12.25	9.625	0	2300				
Pipe	Grade	Length	Weight					
	Grade J-55 ST&C	2300	36.0					
	Cement Interval	Top (MD)	Bottom (MD)					
		0	2300					
		Cement Description	Class	Sacks	Yield	Weight		
			Class G Cement	185	3.82	11.0		

Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)				
Prod	7.875	4.5	0	7125				
Pipe	Grade	Length	Weight					
	Grade N-80 LT&C	7125	11.6					
	Cement Interval	Top (MD)	Bottom (MD)					
		2300	7125					
		Cement Description	Class	Sacks	Yield	Weight		
			Hi Lift "G"	95	3.91	11.0		
			50/50 Poz	632	1.28	14.1		

EIGHT POINT PLAN

NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,089		Shale	
Mahogany Oil Shale Bed	1,815		Shale	
Wasatch	4,071	Primary	Sandstone	Gas
Chapita Wells	4,610	Primary	Sandstone	Gas
Buck Canyon	5,224	Primary	Sandstone	Gas
North Horn	5,978	Primary	Sandstone	Gas
KMV Price River	6,339	Primary	Sandstone	Gas
KMV Price River Middle	7,109	Primary	Sandstone	Gas
TD	7,125			

Estimated TD: 7,125' or 200'± below TD Anticipated BHP: 3,890 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	Hole Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	<u>Tensile</u>
Conductor	17 ½"	0 – 60'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' - 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/6" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EIGHT POINT PLAN

NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

EIGHT POINT PLAN

NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement

Bond / Casing Collar Locator and Pulsed Neutron

EIGHT POINT PLAN

NATURAL BUTTES UNIT 641-13E NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx

GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg,

1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 95 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes)

mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 632 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1

ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

EIGHT POINT PLAN

NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

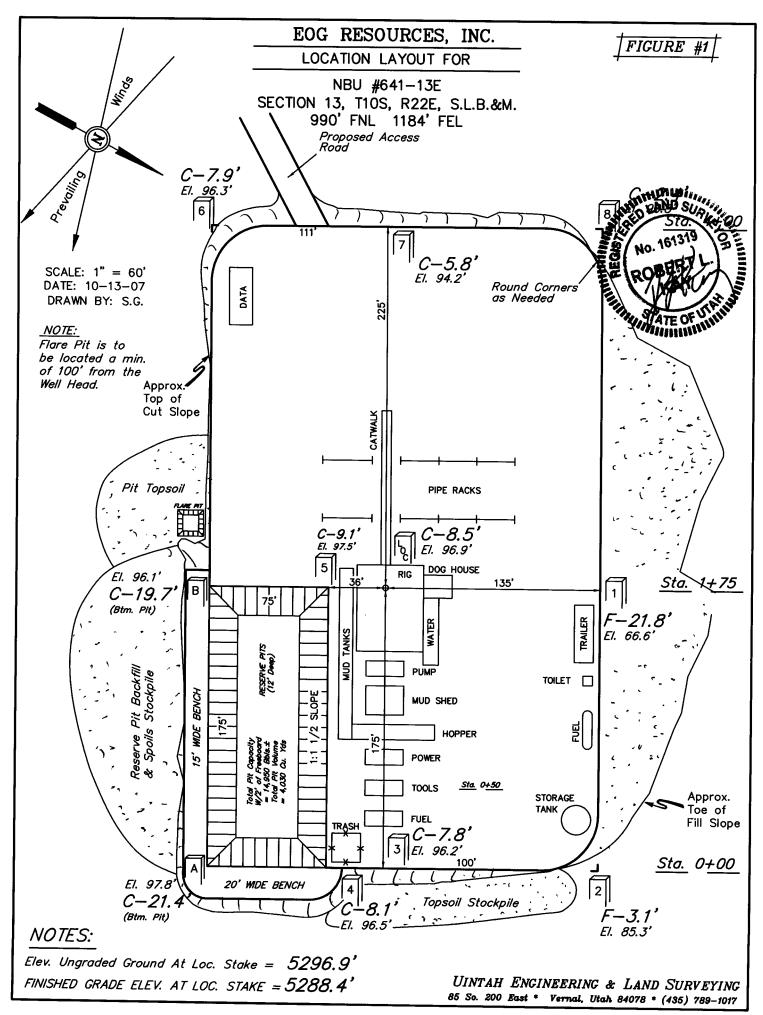
(Attachment: BOP Schematic Diagram)

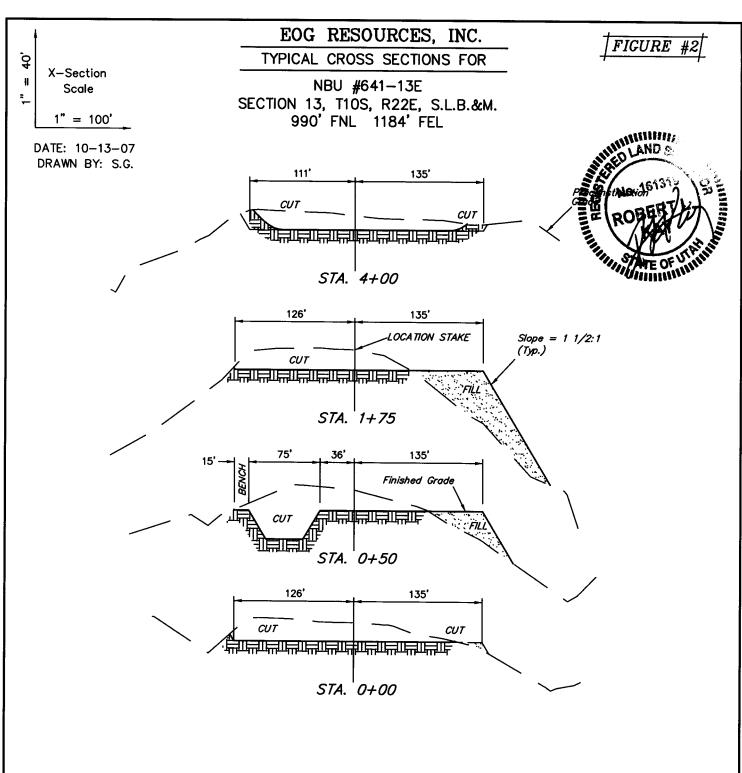
EOG RESOURCES, INC. NBU #641-13E SECTION 13, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND IN AN EASTERLY, THEN SOUTHEASTERLY APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY, SOUTHEASTERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 240' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.45 MILES.

"一世期"。连续被打了。





NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area. * NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,440 Cu. Yds. Remaining Location = 21,250 Cu. Yds.

TOTAL CUT = 23,690 CU. YDS.

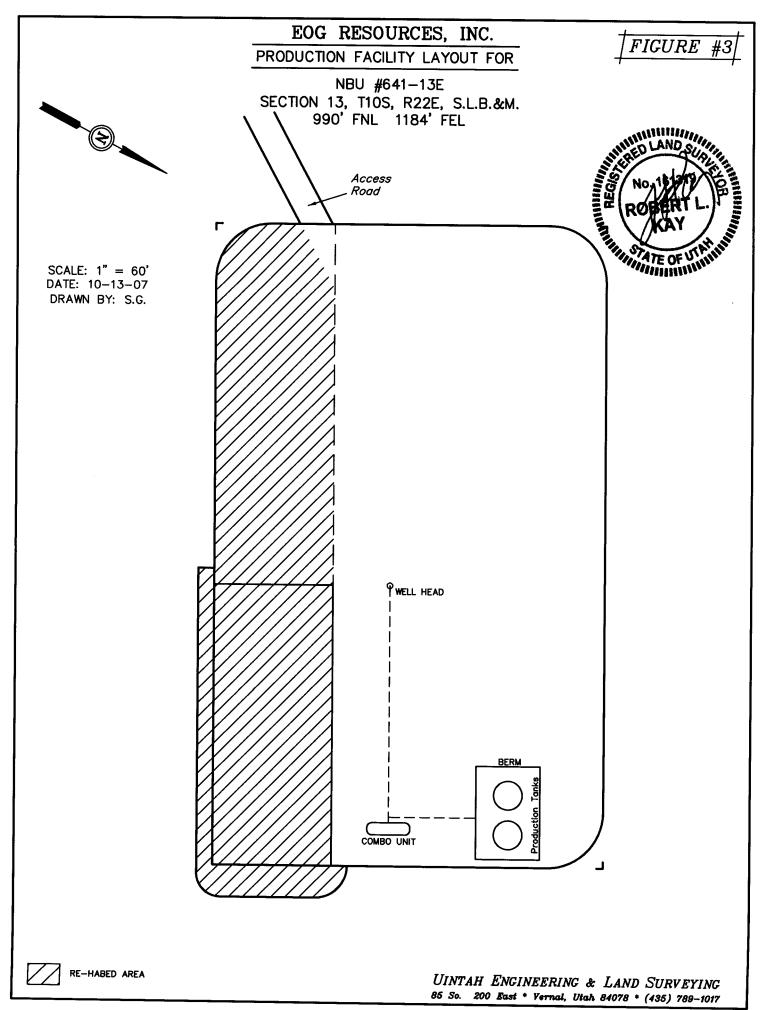
FILL = 19,240 CU. YDS.

EXCESS MATERIAL = 4,450 Cu. Yds. Topsoil & Pit Backfill = 4,450 Cu. Yds. (1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds. (After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

和维度的解析90%的



EOG RESOURCES, INC.

NBU #641-13E

LOCATED IN UINTAH COUNTY, UTAH SECTION 13, T10S, R22E, S.L.B.&M.

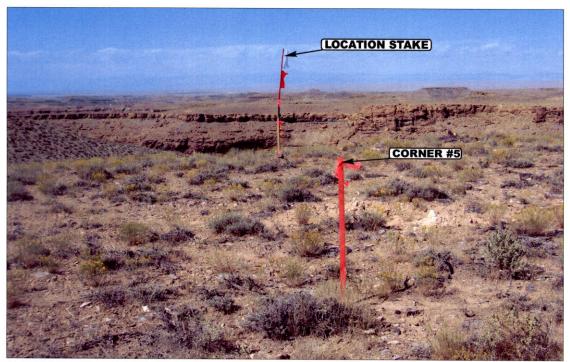


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY

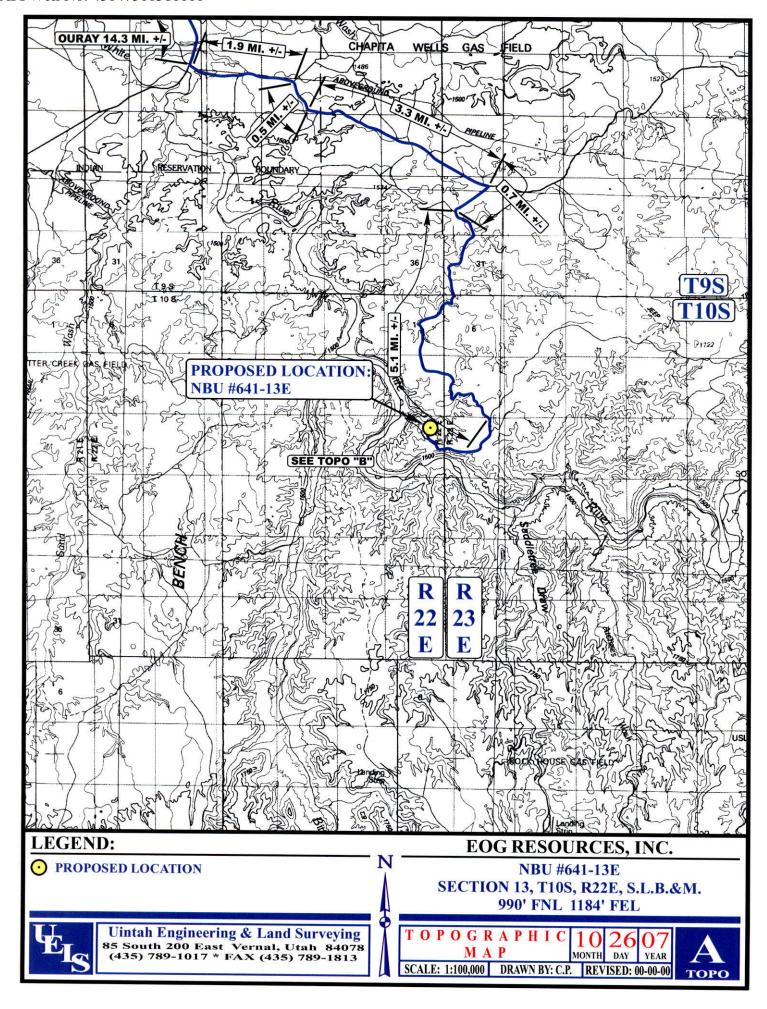


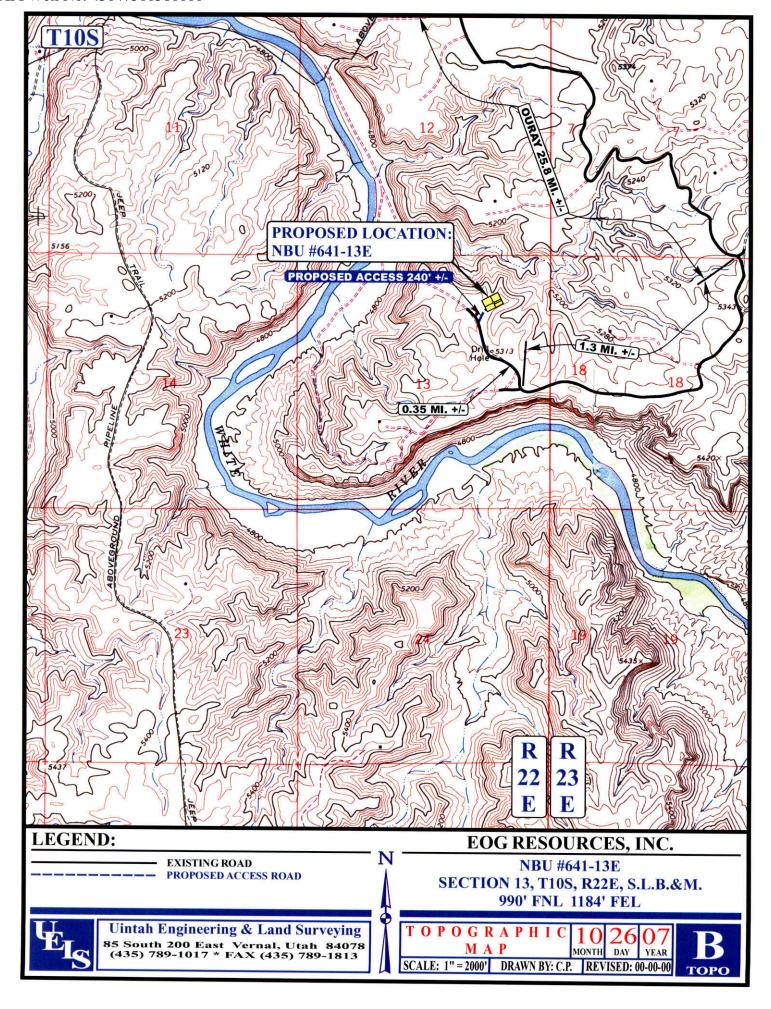
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

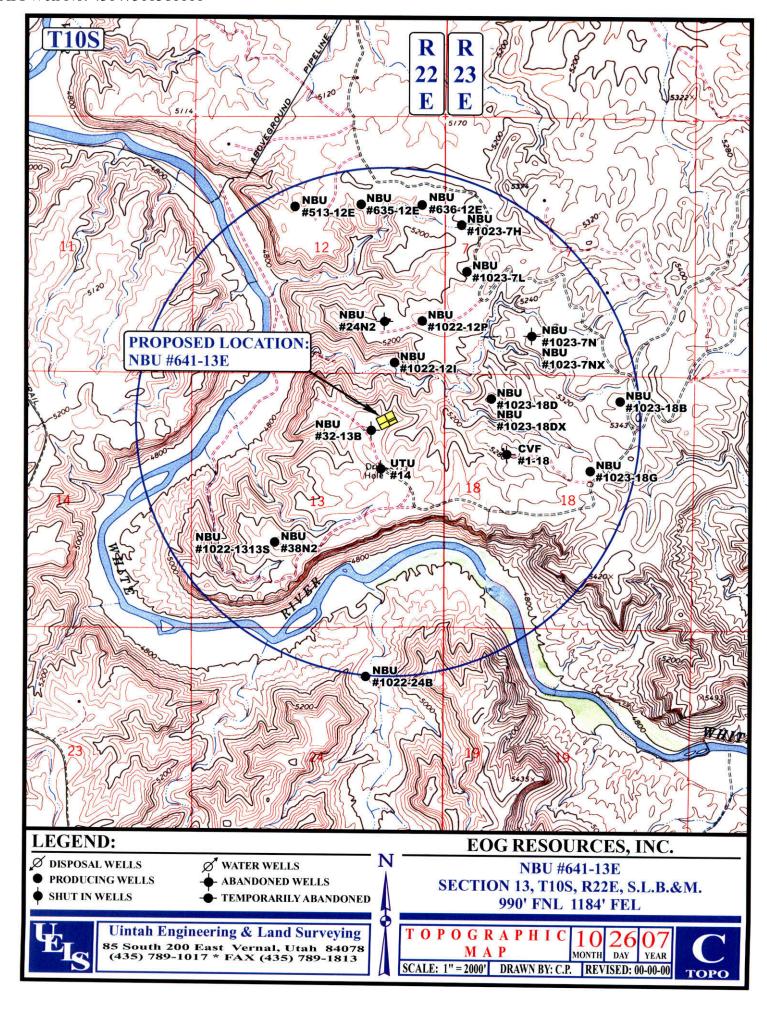
LOCATION PHOTOS

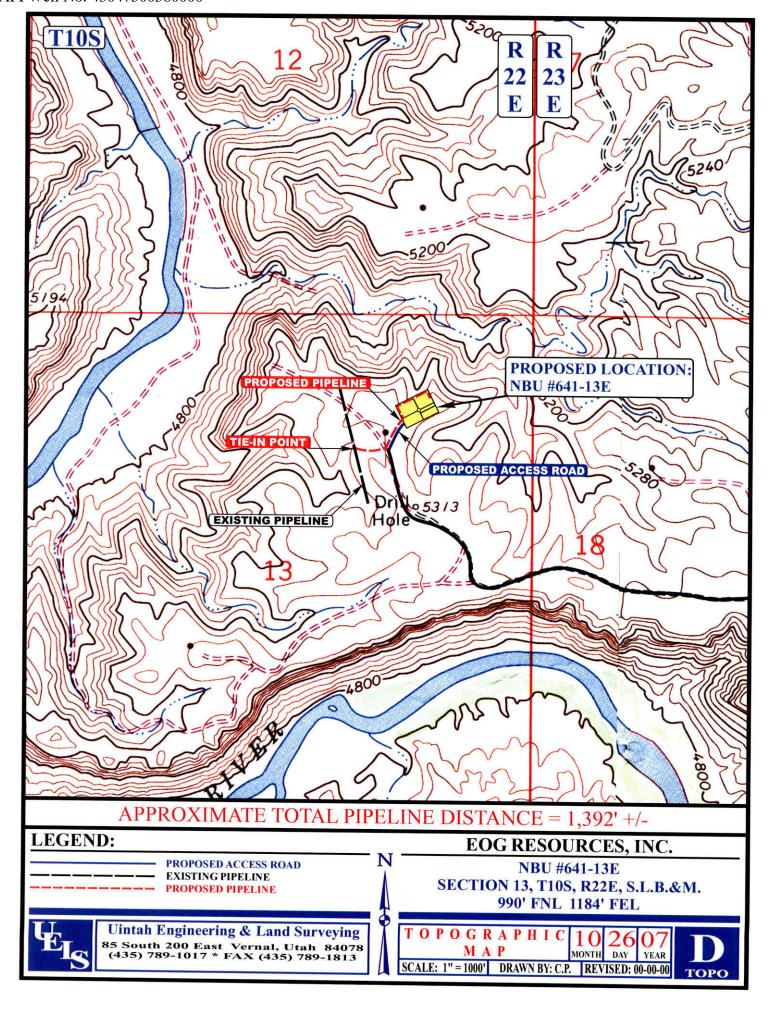
MONTH DAY TAKEN BY: J.M. | DRAWN BY: C.P. | REVISED: 00-00-00

РНОТО











Natural Buttes Unit 641-13E NENE Section 13, T10S, R22E Uintah County, Utah

SURFACE USE PLAN

1. Existing Roads:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 58.4 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 240' in length. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40 foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 1392' x 40'. The proposed pipeline leaves the eastern edge of the proposed location proceeding in a westerly then southerly direction for an approximate distance of 1392' tieing into an existing pipeline in the SWSE of Section 13, T10S, R22E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.

- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation Ponds, 1, 2, 3, 4,

- 5, and/or 6, Coyote Ponds 1, 2, 3, and/or 4, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16 millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

A. Refer to attached well site plat for related topography cuts and fills and cross sections.

- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the south corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the west.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any

fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

State of Utah

12. OTHER INFORMATION:

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted on January 8, 2008 by Montgomery Archeological Consultants, report # MOAC 07-395. A paleontological survey was conducted and submitted on May 2, 2008 by Intermountain Paleo Consultants, report # IPC 08-16.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, Ut 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Natural Buttes Unit 641-13E Well, located in the NENE, of Section 13, T10S, R22E, Uintah County, Utah; State land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

June 24, 2008	
Date	Kaylene R. Gardner, Lead Regulatory Assistant

CONFIGURATION ROTATING HEAD ANNULAR **PREVENTER** 11" 5k R-54 **BLIND RAMS** PIPE RAMS 4-1/16" 5,000 HCR VALVE 11" 5k 2-1/16" 5,000 2-1/16" 5,000 MANUAL VALVES CHECK VALVE R-54 11" 5k œ FMC "DTO" 9-5/8" . SOW X 5,000 W.P. -13-3/8"

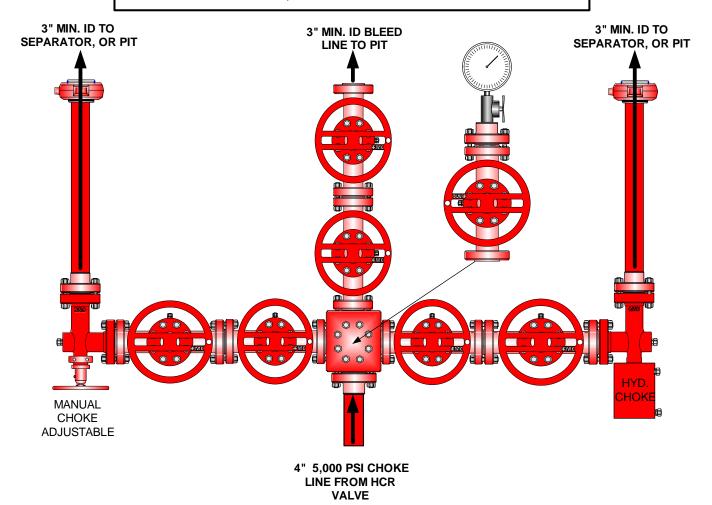
- 9-5/8"

EOG RESOURCES 11" 5,000 PSI W.P. BOP

PAGE 1 OF 2

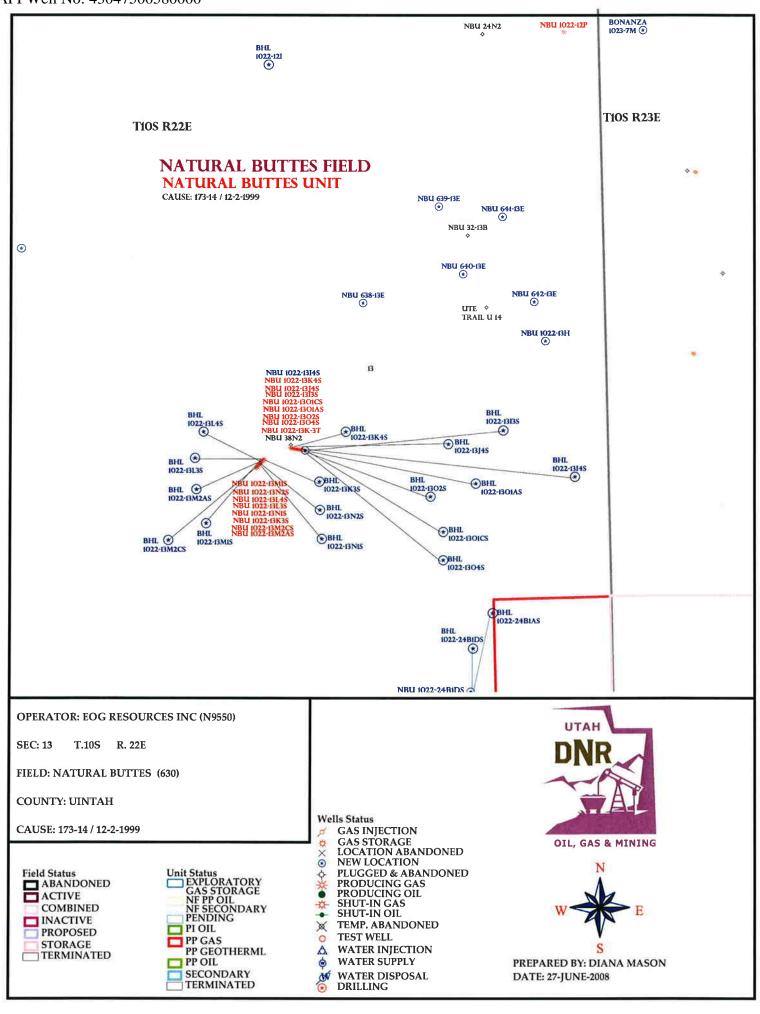
EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EOG RESOURCES, INC.

Well Name NBU 641-13E

API Number 43-047-50058-0 APD No 836 Field/Unit NATURAL BUTTES

Location: 1/4,1/4 NENE **Sec** 13 **Tw** 10S **Rng** 22E 990 FNL 1184 FEL

GPS Coord (UTM) Surface Owner

Participants

Floyd Bartlett (DOGM), Byron Tolman (Agent for EOG Resources) and Jim Davis (SITLA).

Regional/Local Setting & Topography

The general area is in the southeast end of the Natural Buttes Unit and contains the White River and short rugged drainages that drain into the White River. Topography is varied and frequently dissected by short draws or washes, which become overly steep as they approach the White River breaks or rim. Distance to the White River varies from ¼ mile to 1 mile. The side drainages are dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. Vernal, Utah is approximately 35 air miles and 58 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development Roads to with 240 feet of the location where a new road will be constructed.

The NBU 641-13E gas well location is proposed on top of a narrow flat ridge which extends in a southwest to northeast direction. The pad will be restricted on three sides by steep topography. The reserve pit is within a cut but will be in very rocky sub-material. The spoils will be very difficult to recover but it can be done. The pad extends to the northwest over a steep sided slope with corner 8 near the edge of a rock shelf which breaks off onto a less steep side slope. Fill that is deposited here will not be recoverable. The pad has been narrowed 15 feet to better fit the available space. A plugged well location exist a short distance to the west of the proposed location. Due to the formations in the area and the short distance to the White River the reserve pit should be double lined with a 20-mil liner and adequately padded. To provide for early detection of potential leaks from the reserve pit, daily monitoring of the pit level and the side-hill below the pit needs to occur. Except for the potential of reserve pit leaks, the location should be stable and pose no other problems for drilling and operating a well.

Both the surface and minerals are owned by SITLA. Jim Davis of SITLA attended the pre-site evaluation. He expressed concerns about the location as mentioned above. SITLA will request EOG to justify why the existing nearby plugged NBU#32-13B reclaimed location can not be reused using directional drilling methods to reach the down hole target.

Surface Use Plan

Current Surface Use

Grazing

Recreational

Wildlfe Habitat

New Road

Miles Well Pad Src Const Material Surface Formation

0.05 Width 261 Length 375 Onsite UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

8/12/2008 Page 1

Flora / Fauna

On site vegetation consists of black sagebrush, Gardner saltbrush, needle and thread grass, slender wheatgrass, cheat grass, horsebrush, and broom snakeweed.

Antelope, coyote, small mammals and birds. Endangered fish species exist in the White River. Domestic sheep grazie the area in the winter.

Soil Type and Characteristics

Surface soils are a shallow rocky sandy loam. Exposed bedrock exists along the side-hill breaks.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Paleo Potental Observed? Cultural Survey Run? Cultural Resources?

Reserve Pit

S

Site-Specific Factors		Site I	Ranking		
Distance to Groundwater (feet)	>200		0		
Distance to Surface Water (feet)	>1000		0		
Dist. Nearest Municipal Well (ft)	>5280		0		
Distance to Other Wells (feet)	300 to 1320		10		
Native Soil Type	Mod permeability		10		
Fluid Type	Fresh Water		5		
Drill Cuttings	Normal Rock		0		
Annual Precipitation (inches)	<10		0		
Affected Populations	<10		0		
Presence Nearby Utility Conduits	Not Present		0		
		Final Score	25	1	Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed on the southeast portion of the location within an area of cut. Dimensions are $75' \times 175' \times 12'$ deep. Due to the formations in the area and the short distance to the River the reserve pit should be double lined with a 20-mil liner and adequately padded. To provide for early detection of potential leaks from the reserve pit, daily monitoring of the pit level and volume needs to occur. The Roosevelt Field Office (435-789-5474) will be notified 24 hours in advance of lining the reserve pit.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 40 Pit Underlayment Required? Y

Other Observations / Comments

SITLA will request EOG to justify why the existing nearby plugged NBU#32-13B reclaimed location can not be reused using directional drilling methods to reach the down hole target.

8/12/2008 Page 2

Floyd Bartlett **Evaluator**

7/22/2008 **Date / Time**

8/12/2008 Page 3

Application for Permit to Drill Statement of Basis

8/20/2008 Utah Division of Oil, Gas and Mining

Page 1

APD NoAPI WellNoStatusWell TypeSurf OwnrCBM83643-047-50058-00-00SITLAGWSNo

Operator EOG RESOURCES, INC. Surface Owner-APD

Well Name NBU 641-13E Unit NATURAL BUTTES

Field NATURAL BUTTES Type of Work DRILL

Location NENE 13 10S 22E S 990 FNL 1184 FEL GPS Coord (UTM) 638174E 4423640N

Geologic Statement of Basis

Kerr McGee proposes to set 2,300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 4,300'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 13. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole.

Brad Hill 8/12/2008
APD Evaluator Date / Time

Surface Statement of Basis

The general area is in the southeast end of the Natural Buttes Unit and contains the White River and short rugged drainages that drain into the White River. Topography is varied and frequently dissected by short draws or washes, which become overly steep as they approach the White River breaks or rim. Distance to the White River varies from ¼ mile to 1 mile. The side drainages are dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. Vernal, Utah is approximately 35 air miles and 58 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development Roads to with 240 feet of the location where a new road will be constructed.

The NBU 641-13E gas well location is proposed on top of a narrow flat ridge which extends in a southwest to northeast direction. The pad will be restricted on three sides by steep topography. The reserve pit is within a cut but will be in very rocky sub-material. The spoils will be very difficult to recover but it can be done. The pad extends to the northwest over a steep sided slope with corner 8 near the edge of a rock shelf which breaks off onto a less steep side slope. Fill that is deposited here will not be recoverable. The pad has been narrowed 15 feet to better fit the available space. A plugged well location exist a short distance to the west of the proposed location. Due to the formations in the area and the short distance to the White River the reserve pit should be double lined with a 20-mil liner and adequately padded. To provide for early detection of potential leaks from the reserve pit, daily monitoring of the pit level and the side-hill below the pit needs to occur. Except for the potential of reserve pit leaks, the location should be stable and pose no other problems for drilling and operating a well.

Both the surface and minerals are owned by SITLA. Jim Davis of SITLA attended the pre-site evaluation. He expressed concerns about the location as mentioned above.

Utah Division of Wildlife Resources was invited to the pre-site evaluation but did not attend.

SITLA is to be contacted for reclamation standards for the site including seed mixes to be used for re-vegetation.

Floyd Bartlett 7/22/2008
Onsite Evaluator Date / Time

API Well No: 43047500580000

Application for Permit to Drill Statement of Basis

8/20/2008 Utah Division of Oil, Gas and Mining Page 2

Conditions of Approval / Application for Permit to Drill

Category Condition

Pits A double synthetic liner each with a minimum thickness of 20 mils and an appropriate

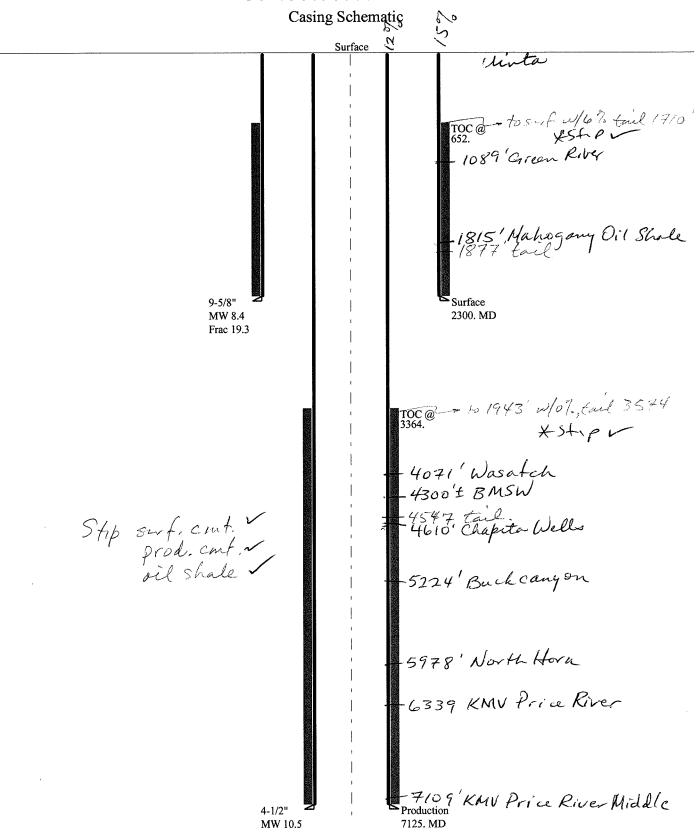
thickness of felt sub-liner to cushion the liners shall be properly installed and maintained

in the reserve pit.

Pits The reserve pit shall be monitored for leaks on a daily basis.

Surface The reserve pit shall be fenced upon completion of drilling operations.

43047500580000 NBU 641-13E



43047500580000 NBU 641-13E Well name:

Operator: EOG Resources, Inc.

Surface String type:

Uintah County Location:

Project ID:

43-047-50058-0000

Design parameters:

Collapse Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse: Design factor

1.125

Environment: H2S considered?

Surface temperature: Bottom hole temperature:

65 °F 97 °F 1.40 °F/100ft

Temperature gradient: Minimum section length:

185 ft

1.80 (J)

1.80 (J)

No

Burst: Design factor

1.00

Cement top:

652 ft

Burst

Max anticipated surface

pressure: 2,024 psi Internal gradient: 0.120 psi/ft 2,300 psi

Calculated BHP

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

1.60 (J) 1.50 (J) Premium: Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 2,014 ft Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight:

7,125 ft 10.500 ppg 3,886 psi

Next setting BHP: Fracture mud wt: Fracture depth: Injection pressure:

19.250 ppg 2,300 ft 2,300 psi

True Vert Drift Internal Nominal End Measured Run Segment Depth Depth Diameter Capacity Length Size Weight Grade **Finish** Seq (ft³) (lbs/ft) (ft) (ft) (in) (ft) (in) 2300 9.625 36.00 J-55 ST&C 2300 2300 8.796 998.3 1 **Tension Tension Tension** Collapse Collapse Collapse **Burst Burst Burst** Run Design Strength Load Strength Design Load Strength Design Load Seq (psi) **Factor Factor** (Kips) (Kips) (psi) **Factor** (psi) (psi) 83 394 4.76 J 1004 2020 2.013 2300 3520 1.53 1

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals by:

Phone: 810-538-5357

Date: August 20,2008 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

API Well No: 43047500580000

Well name:

43047500580000 NBU 641-13E

Operator:

EOG Resources, Inc.

String type:

Production

Location:

Uintah County

Project ID:

43-047-50058-0000

Design parameters:

Collapse

Mud weight:

10.500 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

H2S considered?

Surface temperature:

Environment:

65 °F 165 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

368 ft

No

Burst:

Design factor

1.00

1.80 (J) 1.80 (J)

1.60 (J)

1.50 (J)

Cement top:

3,364 ft

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

0.220 psi/ft 3,886 psi

2,319 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: Buttress:

Premium: Body yield:

1.50 (B)

Tension is based on air weight. Neutral point: 6,007 ft Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7125	4.5	11.60	N-80	LT&C	7125	7125	3.875	621.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3886	6350	1.634	3886	7780	2.00	83	223	2.70 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals by:

Phone: 810-538-5357

Date: August 20,2008 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 7125 ft, a mud weight of 10.5 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

BOPE REVIEW

EOG NBU 641-13E API 43-047-50058-0000

INPUT				
Well Name	EOG NBU 641-13E	API 43-047-50058	3-0000	
	String 1	String 2		
Casing Size (")	9 5/8	4 1/2		
Setting Depth (TVD)	2300	7125		
Previous Shoe Setting Depth (TVD)	60	2300		
Max Mud Weight (ppg)	8.4	10.5	Sec. o.	
BOPE Proposed (psi)	500	5000		
Casing Internal Yield (psi)	3520	7780		
Operators Max Anticipated Pressure (psi)	3890	10.5	ppg 🗸	

Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	1005	
		BOPE Adequate For Dr	illing And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	729 NO Ů 🗸	Air drill - stripper head
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	499 YES	
, 21		*Can Full Expected Pre	essure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth) =	512 5 NO (Louso	nuble - No expected pressure
Required Casing/BOPE Test		230 <u>0 p</u> si /	•
*Max Pressure Allowed @ Pi	revious Casing Shoe =	(60 psi) 🗸 *As	ssumes 1psi/ft frac gradient

Calculations	String 2	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	3890	
		BOPE Adequate For Drilling And	Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3035 YES V	
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2323 YES	
7.52		*Can Full Expected Pressure Be	Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP22*(Setting Depth - Previous Shoe Depth) =	2829 - NO OV.	
Required Casing/BOPE Test	Pressure	500 0 psi ∫	
*Max Pressure Allowed @ Pr	evious Casing Shoe =	*Assumes 1p	si/ft frac gradient

Jim Davis From:

Bonner, Ed; kaylene gardner; Mason, Diana 9/4/2008 11:05 AM To:

Date:

Subject: EOG approvals 666-24E and 641-13E

The following wells have been approved by SITLA including arch and paleo clearance.

4304750057	NBU 666-24E	EOG Resources	Natural Buttes	SWSE	24	100S	200E	S
UINTAH								
4304750058	NBU 641-13E	EOG Resources	Natural Buttes	NENE	13	100S	220E	S
UINTAH								

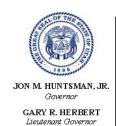
-Jim

Jim Davis **Utah Trust Lands Administration** jimdavis1@utah.gov Phone: (801) 538-5156

WORKSHEET APPLICATION FOR PERMIT TO DRILL

	- / /		
APD RECEIVED:		API NO. ASSIGNED:	43047500580000
WELL NAME:		DUONE NUMBER	425 704 0444
	EOG Resources, Inc. (N9550)	PHONE NUMBER:	435 /81-9111
CONTACT:	Kaylene Gardner		
PROPOSED LOCATION:	NENE 13 100S 220E	Permit Tech Review:	
SURFACE:	0990 FNL 1184 FEL	Engineering Review:	
воттом:	0990 FNL 1184 FEL	Geology Review:	
COUNTY:	UINTAH		
LATITUDE:	39.95351	LONGITUDE:	-109.38245
UTM SURF EASTINGS:	638174.00	NORTHINGS:	4423640.00
FIELD NAME:	NATURAL BUTTES		
LEASE TYPE:	3 - State		
LEASE NUMBER:	U-08512-A-ST	PROPOSED FORMATION:	PRRV
SURFACE OWNER:	3 - State	COALBED METHANE:	NO
RECEIVED AND/OR REVIEWE	D:	LOCATION AND SITING:	
<u>r</u> PLAT		R649-2-3.	
Bond: STATE/FEE - 619601	7	Unit:	
Potash		R649-3-2. General	
☑️ Oil Shale 190-5			
Oil Shale 190-3		R649-3-3. Exception	
Oil Shale 190-13		☐ Drilling Unit	
✓ Water Permit: 49-225		Board Cause No:	
RDCC Review:		Effective Date:	
Fee Surface Agreement		Siting:	
Intent to Commingle		R649-3-11. Directional Drill	
Comments: Presite Comp APD IS APRVD IN U/	leted POD:		
13 - Cement 17 - Oil Shale	nt of Basis - bhill Volume Formation (3a) - hmad e 190-5(b) - dmason Casing - hmacdonald	cdonald	

API Well No: 43047500580000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: NBU 641-13E API Well Number: 43047500580000 Lease Number: U-08512-A-ST

Surface Owner: STATE **Approval Date:** 9/11/2008

Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of CAUSE: 173-14.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 4 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2100' MD in order to raise cement level 200 feet inside surface casing shoe.

Surface casing shall be cemented to the surface.

Notification Requirements:

API Well No: 43047500580000

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to spudding the well contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program contact Dustin Doucet
 - Prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well contact Dustin Doucet
- Any changes to the approved drilling plan contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

• Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home

Carol Daniels at: (801) 538-5284 office
Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Approved By:

Gil Hunt

Associate Director, Oil & Gas

Die Hunt

	DEPARTMENT OF NATURAL RESOURCES		
	DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST
SUNDRY	NOTICES AND REPORTS ON W	ELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill no drill horizontal la	ow wells, significantly deepen existing wells below current bottom-ho erals. Use APPLICATION FOR PERMIT TO DRILL form for such pr	le depth, reenter plugged wells, or to opposals.	7. UNIT OF CA AGREEMENT NAME: Natural Buttes
1. TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHER		8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E
2. NAME OF OPERATOR:			9. API NUMBER:
EOG Resources, Inc.		LOWONE AN IMPED	43-047-50058 10. FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR: 1060 East Highway 40	Vernal UT 84078	PHONE NUMBER: (435) 781-9145	Natural Buttes
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: 990' F	NL & 1184' FEL 39.953467 LAT 109.3831	08 LON	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: NENE 13 10S 22E S.L	B. & M.	STATE: UTAH
11. CHECK APPE	ROPRIATE BOXES TO INDICATE NATU	RE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION	*	TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE DEEP	EN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRAC	TURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW	CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPER	ATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG	AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG	BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS PROD	DUCTION (START/RESUME)	WATER SHUT-OFF
		AMATION OF WELL SITE	✓ other: <u>Drilling Plan</u>
	CONVERT WELL TYPE RECO	DMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertinent deta	ails including dates, depths, volun	nes, etc.
EOC Becourees Inc. room	ectfully requests authorization to change	the Drilling Plan as per	the attached
Conductor size: Item 4	ectiony requests authorization to change	the Dilling Flan as per	the attached.
Conductor Size. Item 4			
Logs: Item 8			
Please see the attached re	evised Drilling Plan reflecting the purpose	d changes.	
		_	
			COPY SENT TO OPERATOR
			Date: 3,26,2009
		*	Initials: VS
NAME /DI EASE DRINT) Mickenzie	Thacker	Operations Cler	k
NAME (PLEASE PRINT) WICKETIZIE	T. 14:		
SIGNATURE WHITE	a Mary	DATE 3/17/2009	
This space for State use only)	ROVED BY THE STATE		RECEIVED
OF	UTAH DIVISION OF		MEULIVED
OIL	., GAS, AND MINING		MAR 1 9 2009
DATE	3/23/07		

(5/2000)

See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	20"	40 - 60'	14"	32.5#	A252	1880 PSI	10,000#

8. EVALUATION PROGRAM:

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: ${\tt CBL/CCL/VDL/GR}$

NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,089		Shale	
Mahogany Oil Shale Bed	1,815		Shale	
Wasatch	4,071	Primary	Sandstone	Gas
Chapita Wells	4,610	Primary	Sandstone	Gas
Buck Canyon	5,224	Primary	Sandstone	Gas
North Horn	5,978	Primary	Sandstone	Gas
KMV Price River	6,339	Primary	Sandstone	Gas
KMV Price River Middle	7,109	Primary	Sandstone	Gas
D	7,125			

Estimated TD: 7,125' or 200'± below TD

Anticipated BHP: 3,890 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	<u>Tensile</u>
Conductor	20"	40 - 60'	14"	32.5#	A252			1880 PSI	10,000#
Surface	12 1/4"	0' - 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#
							,		

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

NATURAL BUTTES UNIT 641-13E NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe Insert Float Collar (PDC drillable) Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

NATURAL BUTTES UNIT 641-13E NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

CBL/CCL/VDL/GR

NATURAL BUTTES UNIT 641-13E NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

9. <u>CEMENT PROGRAM</u>:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx

GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ½#/sk Flocele mixed at 15.6 ppg,

1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 95 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes)

mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 632 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1

ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

NATURAL BUTTES UNIT 641-13E NE/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor		EOG RE	SOUR	CES INC	<u> </u>		
Well Name	:_		<u>NBU 64</u>	1-13E			
Api No:	43-047-	50058	L	ease Ty	/pe:	STAT	<u>E</u>
Section 13	Townsl	nip <u>10S</u>	_Range_	22E	County	UINT	<u>'AH</u>
Drilling Cor	ntractor	CRAIG'S	ROUSTA	BOUT	SERV	_RIG #	BUCKET
SPUDDE	D:						
	Date	04/04/	<u>′09</u>				
	Time	11:00	AM			The state of the s	
	How	DRY		-			
Drilling wi	ill Comme	ence:					
Reported by			KEN DAY	<u>VENP(</u>	ORT		
Telephone#			(435) 828	<u>8-8200</u>			<u>-</u>
Date	04/06/09	Signed	CHI)			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

1060 East Highway 40

city Vernal

state UT

zip 84078

Phone Number: (435) 781-9145

Well 1

API Number	Well	QQ	Sec	Twp	Rng	County			
43-047-39901	NATURAL BUTTES	NWNE	12	108	20E	UINTAH			
Action Code	Current Entity Number	· · · · · · · · · · · · · · · · · · ·		Spud Date		Entity Assignment Effective Date			
MB	99999	3900	3	3/31/200	9	4/	9/09		
Comments: WAS									

WASATCH = WSMVD

Well 2

API Number	Well	QQ	Sec	Twp	Rng	County		
43-047-50023	CHAPITA WELLS UN	NESE 2 9S			22E UINTAH			
Action Code	Current Entity Number			Spud Date		Entity Assignment Effective Date		
KB	99999	4905		4/2/200	9	4/9/09		
ommonte:	99999 ATCH .	4905		4/2/200	9	4/	9/09	
A 1	N/RD				200			

Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
43-047-50058	NATURAL BUTTES	NENE 13 109			22E UINTAH			
Action Code	ction Code Current Entity Number		Spud Date		te	Entity Assignment Effective Date		
*B	99999	2900		4/4/200	9	4/	19/09	
ommonte:						,		

Comments: WASATCH/MESAVERDE

PU = MURA = WSMUA

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED APR 0 6 2009

Mickenzie	Thacker

Name (Please Print)

Operations Clerk

Title

1/3/2009

Date

(5/2000)

DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: Natural Buttes
1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER	8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E
2. NAME OF OPERATOR:	9. API NUMBER:
EOG Resources, Inc.	43-047-50058
3. ADDRESS OF OPERATOR: PHONE NUMBER: (435) 781-9145	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL	- Lintoh
FOOTAGES AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383108 LON	county: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 13 10S 22E S.L.B. & M.	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
✓ NOTICE OF INTENT ☐ ACIDIZE ☐ DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Closed Loop System
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volur EOG Resources, Inc. respectfully requests authorization to change the referenced well to a	
COP	Y SENT TO OPERATOR
	4.28.2009
Date Control of the C	14.6
NAME (PLEASE PRINT) Mickenzie Thacker \(\sqrt{\text{TITLE}} \) Operations Cler	k
1/2/2009	
SIGNATURE TO THE TOTAL TO THE TOTAL	
his space for State use only) APPROVED BY THE STATE	

OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: 4/23/99

See Instructions on Reverse Side)

RECEIVED APR 07 2009

DIV. OF OIL, GAS & MINING

	I	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	i			SE DESIGNATION AND SERIAL NUMBER: 8512AST
	SUNDRY	NOTICES AND REPORTS ON	WELL	_S	6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:
Doi	not use this form for proposals to drill n drill horizontal la	ew wells, significantly deepen existing wells below current botto terals. Use APPLICATION FOR PERMIT TO DRILL form for su	om-hole depth uch proposals	n, reenter plugged wells, or to		T or CA AGREEMENT NAME: ural Buttes
1. TY	OIL WELL	GAS WELL 🗹 OTHER				L NAME and NUMBER: ural Buttes Unit 641-13E
	AME OF OPERATOR:					NUMBER: 047-50058
	OG Resources, Inc.		T	PHONE NUMBER:		ELD AND POOL, OR WILDCAT:
	60 East Highway 40	Vernal UT 2 84076	8	(435) 781-9145	Nat	ural Buttes
FC		NL & 1184' FEL 39.953467 LAT 109.3				ry: Uintah
Q.	TR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN: NENE 13 10S 22E	S.L.B. 8	ά IVI.	STATE	UTAH
11.	CHECK APP	ROPRIATE BOXES TO INDICATE NA	TURE (OF NOTICE, REPO	RT, O	R OTHER DATA
	TYPE OF SUBMISSION		TY	PE OF ACTION		
	NOTICE OF INTENT		DEEPEN			REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)		FRACTURE 1			SIDETRACK TO REPAIR WELL
	Approximate date work will start:		NEW CONST			TEMPORARILY ABANDON TUBING REPAIR
	<u> </u>		OPERATOR I			
7	SUBSEQUENT REPORT		PLUG AND A PLUG BACK	RBANDON		VENT OR FLARE WATER DISPOSAL
L W)	(Submit Original Form Only)			N (START/RESUME)		WATER SHUT-OFF
	Date of work completion:			ON OF WELL SITE	✓	OTHER: Well Spud
				TE - DIFFERENT FORMATION		THER. TYON OPAG
12	DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all pertinent	t details incl	Luding dates, depths, volum	es. etc.	
121	DEGOTABLE FROM GOLD ON GO				,	
Th	e referenced well was s	spud on 4/4/2009.				
		•				
	IS (DI EASE DRINIT) Mickenzie	Thacker		Operations Clerk	· · · · · ·	
NAM	E (PLEASE PRINT) WIICKETIZIE	THEORE	TITLE			
SIGN	NATURE WILLIAM	7 May "	DATE	4/6/2009		
·						

RECEIVED APR 07 2009

(This space for State use only)

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

	FURIN 9
SIGNATION AND SERIAL	NUMBER:

	DIVISION OF OIL, GAS AND MINING							
SUNDR	Y NOTICES AND REPORT	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to dril drill horizonta	l new wells, significantly deepen existing wells below cu Haterals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole dep form for such proposa	th, reenter plugged wells, or to ls.					
1. TYPE OF WELL OIL WEL	GAS WELL 🗹 OTHER_			8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E				
2. NAME OF OPERATOR:				9. API NUMBER:				
EOG Resources, Inc.				43-047-50058				
	_{ITY} Vernal _{STATE} UT _{ZIF}	,84078	PHONE NUMBER: (435) 781-9145	10. FIELD AND POOL, OR WILDCAT: Natural Buttes				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 990'	FNL & 1184' FEL 39.953467 LAT	109.383108	LON	COUNTY: Uintah				
QTR/QTR, SECTION, TOWNSHIP, R	ANGE, MERIDIAN: NENE 13 10S 2	22E S.L.B.	& М.	STATE: UTAH				
11. CHECK API	PROPRIATE BOXES TO INDICA	TE NATURE	OF NOTICE, REP	ORT, OR OTHER DATA				
TYPE OF SUBMISSION		T	YPE OF ACTION					
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	ACIDIZE ALTER CASING CASING REPAIR CHANGE TO PREVIOUS PLANS	DEEPEN FRACTURE NEW CONS OPERATOR	TRUCTION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR				
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	RECLAMAT		VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF ✓ OTHER: Drilling Plan				
	COMPLETED OPERATIONS. Clearly show all well chronology report for NBU 64							
NAME (PLEASE PRINT) Kaylene	R _i Gardner	TIT	E Regulatory Adr	ministrator				
SIGNATURE	t Carl	DAT	4/8/2009					
This space for State use only								

RECEIVED

APR 1 4 2009

WELL CHRONOLOGY REPORT

Report Generated On: 04-08-2009

Well Name	NBU 641-13E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API#	43-047-50058	Well Class	DRIL
County, State	UINTAH, UT	Spud Date		Class Date	
Tax Credit	N	TVD / MD	7,125/ 7,125	Property #	062348
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
KB / GL Elev	0/ 5,288				
Location	Section 13-T10S-R22E, NE	NE, 990 FNL & 118	34 FEL, Lat: 39.9535 Long: -	-109.382428	
Event No	1.0	Description	DRILL & COMPLETE		

23.0210											
Operator	EO	G RESOURC	ES, INC	WI %	66.6	666667		NRI %		48.061643	
AFE No		306020		AFE Total		1,275,135		DHC/C	CWC	567,835/70	07,300
Rig Contr	ELE	ENBURG	Rig Name	e ELENI	BURG #28	Start Date	08-	-19-2008	Release	Date	
08-15-2008	R	eported By	SH	IEILA MALLO	Y						
DailyCosts: Di	rilling	\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Con	npletion	\$0		Well	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	\mathbf{MW}	0.0	Visc	0.0
Formation :			PBTD : 0	.0		Perf:			PKR D	epth : 0.0	

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

990' FNL & 1184' FEL (NE/NE) SECTION 13, T10S, R22E UINTAH COUNTY, UTAH

LAT 39.953500, LONG 109.382428 (NAD 27) LAT 39.953467, LONG 109.383108 (NAD 83)

ELENBURG #28

OBJECTIVE: 7125' TD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-08512-A

ELEVATION: 5296.9' NAT GL, 5288.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5288'), 5301' KB (13')

EOG WI 66.666667%, NRI 48.061643%

Reported By

03-23-2009

TERRY CSERE

Completion \$0	Daily Total \$80,000 Well Total \$80,000
	7
0 Progress 0 Days 0	1200
TD: 0.0 Perf:	PKR Depth: 0.0
ATION	
y Description LOCATION TODAY 3/23/09.	
TERRY CSERE	
	D 11 (T) (1 00
Completion \$0 Completion \$0	Daily Total \$0 Well Total \$80,000
Comp	
0 Progress 0 Days 0	W 0.0 Visc 0.0
TD: 0.0 Perf:	PKR Depth: 0.0
ATION	
y Description ED OUT. DRILLING ROCK.	
TERRY CSERE	
	Daily Total \$0
Completion \$0 Completion \$0	Daily Total \$0 Well Total \$80,000
Comp	
0 Progress 0 Days 0	W 0.0 Visc 0.0
TD: 0.0 Perf:	PKR Depth: 0.0
ATION	
y Description	
ED OUT. DRILLING ROCK.	
TERRY CSERE	
Completion \$0	Daily Total \$0
Completion \$0	Well Total \$80,000
0 Progress 0 Days 0	W 0.0 Visc 0.
TD : 0.0 Perf :	PKR Depth: 0.0
ATION	
y Description	
ING ROCK.	
TERRY CSERE	
Completion \$0	Daily Total \$0
Completion \$0	Well Total \$80,000
0 Progress 0 Days 0	W 0.0 Visc 0.
TD: 0.0 Perf:	PKR Depth: 0.0
ATION	
y Description	
ING ROCK. WILL SHOOT WEDNESDAY.	
Completion \$0 Completion \$0 0 Progress 0 Days 0 TD: 0.0 Perf: ATION by Description	Well Total \$80,000 W 0.0 Visc

DailyCost	ts: Drilling	\$0		Completion	\$0		Daily '	Total	\$0	
Cum Cos	ts: Drilling	\$80,000		Completion	\$0		Well T	\$80,000		
MD	0	TVD	0 Progre	ess 0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	Pl	BTD: 0.0		Perf:			PKR Dej	pth: 0.0	
Activity a	ıt Report Ti	me: LOCATION	BUILD							
Start	End	Hrs Activi	ity Description							
06:00	06:00	24.0 SHOO	T WEDNESDAY.					_		
03-31-20	009 Re	ported By	TERRY CSI	ERE						
DailyCost	ts: Drilling	\$0		Completion	\$0		Daily '	Total	\$0	
Cum Cos	ts: Drilling	\$80,000		Completion	\$0		Well T	[otal	\$80,000	
MD	0	TVD	0 Progre	ess 0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	Pl	BTD: 0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	me: BUILD LOC	CATION							
Start	End	Hrs Activi	ity Description							
06:00	06:00	24.0 SHOO	T TOMORROW.			_				
04-01-20	009 Re	ported By	TERRY CSI	ERE						
DailyCos	ts: Drilling	\$0		Completion	\$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$80,000		Completion	\$0		Well T	[otal	\$80,000	
MD	0	TVD	0 Progre	ess 0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	. P1	BTD: 0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: BUILD LOC	CATION							
Start	End	Hrs Activi	ity Description							
06:00	06:00	24.0 SHOO	TING TODAY.							
04-02-20	009 R	ported By	TERRY CS	ERE						
DailyCos	ts: Drilling	\$0		Completion	\$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$80,000		Completion	\$0		Well T	Fotal	\$80,000	
MD	0	TVD	0 Progre	ess 0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	P	BTD: 0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	me: BUILD LOC	CATION							
Start	End	Hrs Activi	ity Description							
06:00	06:00	24.0 PUSH	ING OUT PIT & L	OCATION.						
04-03-20	009 Re	ported By	TERRY CSI	ERE/KENT DEV	ENPORT			· · · · ·		
DailyCost	ts: Drilling	\$0		Completion	\$0		Daily	Total	\$0	
•	ts: Drilling	\$80,000		Completion	\$0		Well 7	Fotal	\$80,000	
Cum Cos			· · ·	ess 0	Days	0	MW	0.0	Visc	0.0
Cum Cos MD	60	TVD	60 Progre	38	Days		TAT AA	0.0	,	
			60 Progre BTD: 0.0		Perf:		171 77	PKR De		
MD Formatio	n:	P	8-		•	·	171 77			

06:00

06:00

24.0 STARTING CLOSED LOOP SYSTEM. CRAIGS ROUSTABOUT SERVICE ANTICIPATES TO SPUD A 20" HOLE ON 4/4/09 @ 09:00 AM. SET ± 60 ' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/2/09 @ 11:10 AM.

04-06-20	09 R	eported By	Т	ERRY CSERE							
DailyCost	ts: Drilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Cost	ts: Drilling	\$80,00	00	Com	pletion	\$0		Well	Fotal	\$80,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: LOCATIO	ON BUILE)							
Start	End	Hrs Act	ivity Des	cription							
06:00	06:00	24.0 LO	CATION C	OMPLETE.							

FORM 9

STATE OF LITAH

DEDARTMENT OF MATURAL DESCRIPCES	7 O (W)
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
	U08512AST
SUNDRY NOTICES AND REPORTS ON V	VELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-he drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such p	ole depth, reenter plugged wells, or to proposals. 7. UNIT or CA AGREEMENT NAME: Natural Buttes
1. TYPE OF WELL OIL WELL ☐ GAS WELL ✓ OTHER	8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E
2. NAME OF OPERATOR:	9. API NUMBER:
EOG Resources, Inc.	43-047-50058
3. ADDRESS OF OPERATOR: 1060 East Highway 40 Vernal UT 84078	PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383	108 LON COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 13 10S 22E S.I	L.B. & M. STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATU	JRE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
ACIDIZE DEEL	PEN REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACE	CTURE TREAT SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW	CONSTRUCTION TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPE	RATOR CHANGE TUBING REPAIR
CHANGE TUBING PLUC	G AND ABANDON VENT OR FLARE
	G BACK WATER DISPOSAL
	DUCTION (START/RESUME) WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECI	LAMATION OF WELL SITE OTHER: Drilling Operations
CONVERT WELL TYPE RECO	OMPLETE - DIFFERENT FORMATION
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent det	ails including dates depths volumes etc.
Drilling operations are scheduled to begin on or about 4/15/2009. P	Please see the attached well chronology report.
Brining operations are contourned to begin on a about in to be a	Todae doe alle allastica well officialogy reports
NAME (PLEASE PRINT) Mickenzie Thacker	TITLE Operations Clerk
SIGNATURE Whalemi Thaim	DATE 4/15/2009

RECEIVED APR 2 0 2009

(This space for State use only)

WELL CHRONOLOGY REPORT

Report Generated On: 04-15-2009

Well Name	NBU 641-13E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API#	43-047-50058	Well Class	DRIL
County, State	UINTAH, UT	Spud Date		Class Date	
Tax Credit	N	TVD / MD	7,125/ 7,125	Property #	062348
Water Depth	0	Last CSG	9.625	Shoe TVD / MD	2,249/ 2,249
KB / GL Elev	5,301/ 5,288				
Location	Section 13, T10S, R22E, NEN	NE, 990 FNL & 118	34 FEL		

Event No	1.0		Description	DR	ILL & COMPLE	ГЕ				
Operator	EOG RESOUR	CES, INC	WI %	66.6	567		NRI %		48.062	
AFE No	306020		AFE Total		1,275,135		DHC/0	CWC	567,835/ 70	07,300
Rig Contr	ELENBURG	Rig Name	ELENBUF	RG #28	Start Date	08-	-19-2008	Release	Date	
08-15-2008	Reported By	y SH	EILA MALLOY							
DailyCosts: Da	rilling \$0		Comple	etion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling \$0		Comple	etion	\$0		Well	Total	\$0	
MD	0 TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD : 0.	0		Perf:			PKR D	epth: 0.0	

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION DATA

990' FNL & 1184' FEL (NE/NE) SECTION 13, T10S, R22E UINTAH COUNTY, UTAH

LAT 39.953500, LONG 109.382428 (NAD 27) LAT 39.953467, LONG 109.383108 (NAD 83)

ELENBURG #28

OBJECTIVE: 7125' TD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-08512-A

ELEVATION: 5296.9' NAT GL, 5288.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5288'), 5301' KB (13')

EOG WI 66.67%, NRI 48.061643%

03-23-2009

Reported By

TERRY CSERE

RECEIVED
APR 2 0 2009

DailyCosts: Drilling	\$80,000	Co	ompletion	\$0		Daily		\$80,000	
Cum Costs: Drilling	\$80,000	C	ompletion	\$0		Well 7	Total .	\$80,000	
MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PB	TD: 0.0		Perf:			PKR De	oth: 0.0	
Activity at Report Tir	ne: BUILD LOCA	ATION							
Start End	Hrs Activity	y Description							
06:00 06:00	24.0 START I	LOCATION TODAY	3/23/09.						
03-24-2009 Re	ported By	TERRY CSERE	į						
DailyCosts: Drilling	\$0	Ce	ompletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$80,000	Co	ompletion	\$0		Well 7	Total .	\$80,000	
MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PB	TD: 0.0		Perf:			PKR De	oth: 0.0	
Activity at Report Tir	ne: BUILD LOCA	ATION							
Start End	Hrs Activity	y Description							
06:00 06:00	24.0 ROCKE	DOUT. DRILLING	ROCK.						
)3-25-2009 Re	ported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Ce	ompletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$80,000	Co	ompletion	\$0		Well 7	Total .	\$80,000	
MD 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PB'	TD: 0.0		Perf :			PKR De	pth: 0.0	
Activity at Report Tir	ne: BUILD LOCA	ATION					•		
Start End	Hrs Activity	y Description							
06:00 06:00		D OUT. DRILLING	ROCK.						
03-26-2009 Re	ported By	TERRY CSERE	i						
DailyCosts: Drilling	\$0	Co	ompletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	000.000		•			Dany			
	\$80,000	Ce	ompletion	\$0		Well 7		\$80,000	
Ü	•		ompletion 0		0			\$80,000 Visc	0.0
MD 0	TVD		_	\$0 Days Perf:	0	Well 7	Total 0.0	Visc	0.0
MD 0 Formation:	TVD PB	0 Progress TD: 0.0	_	Days	0	Well 7	Total	Visc	0.0
MD 0 Formation: Activity at Report Tin	TVD PB' me: BUILD LOCA	0 Progress TD: 0.0 ATION	_	Days	0	Well 7	Total 0.0	Visc	0.0
MD 0 Formation: Activity at Report Tire	TVD PB' me: BUILD LOCA	0 Progress TD: 0.0 ATION y Description	_	Days	0	Well 7	Total 0.0	Visc	0.0
MD 0 Formation : Activity at Report Tin Start End 06:00 06:00	TVD PB' me: BUILD LOCA Hrs Activity 24.0 DRILLIN	0 Progress TD: 0.0 ATION y Description	0	Days	0	Well 7	Total 0.0	Visc	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re	TVD PB' me: BUILD LOCA Hrs Activity 24.0 DRILLIN ported By	0 Progress TD: 0.0 ATION y Description NG ROCK. TERRY CSERE	0	Days Perf:	0	Well T	0.0 PKR Dep	Visc pth: 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling	PB' me: BUILD LOCA Hrs Activity 24.0 DRILLII ported By \$0	0 Progress TD: 0.0 ATION y Description NG ROCK. TERRY CSERE	0 Sompletion	Days Perf:	0	Well To MW	0.0 PKR De	Visc pth: 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling	PB' me: BUILD LOCA Hrs Activity 24.0 DRILLIN sported By \$0 \$80,000	0 Progress TD: 0.0 ATION y Description NG ROCK. TERRY CSERE Co	ompletion	Days Perf: \$0 \$0		Well To MW Daily Well To	O.O PKR Dep	Visc pth: 0.0 \$0 \$80,000	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling	PB' me: BUILD LOCA Hrs Activity 24.0 DRILLII ported By \$0 \$80,000	0 Progress TD: 0.0 ATION y Description NG ROCK. TERRY CSERE Co Co 0 Progress	0 Sompletion	Days Perf: \$0 \$0 Days	0	Well To MW	O.0 PKR Dep Total O.0 O.0	Visc pth: 0.0 \$0 \$80,000 Visc	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	PB' me: BUILD LOCA Hrs Activity 24.0 DRILLIN ported By \$0 \$80,000 TVD	0 Progress TD: 0.0 ATION y Description NG ROCK. TERRY CSERE Co O Progress TD: 0.0	ompletion	Days Perf: \$0 \$0		Well To MW Daily Well To	O.O PKR Dep	Visc pth: 0.0 \$0 \$80,000 Visc	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin	PB' me: BUILD LOCA Hrs Activity 24.0 DRILLII ported By \$0 \$80,000 TVD PB' me: BUILD LOCA	0 Progress TD: 0.0 ATION y Description NG ROCK. TERRY CSERE Co O Progress TD: 0.0 ATION	ompletion	Days Perf: \$0 \$0 Days		Well To MW Daily Well To	O.0 PKR Dep Total O.0 O.0	Visc pth: 0.0 \$0 \$80,000 Visc	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	PB' me: BUILD LOCA Hrs Activity 24.0 DRILLIN ported By \$0 \$80,000 TVD PB' me: BUILD LOCA Hrs Activity	0 Progress TD: 0.0 ATION y Description NG ROCK. TERRY CSERE Co O Progress TD: 0.0	ompletion ompletion	Days Perf: \$0 \$0 Days Perf:		Well To MW Daily Well To	O.0 PKR Dep Total O.0 O.0	Visc pth: 0.0 \$0 \$80,000 Visc	

DailyCosts: Drilling	\$0	Completion	\$0		Daily To	otal	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	tal	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0	0.0	Perf:			PKR De	pth: 0.0	
Activity at Report Tir	ne: LOCATION BUILD							
Start End	Hrs Activity Desc	-						
06:00 06:00	24.0 SHOOT WEDN	NESDAY.					.	
03-31-2009 Re	ported By Ti	ERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To		\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	tal	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0	.0	Perf:			PKR De	pth: 0.0	
Activity at Report Tir	ne: BUILD LOCATION							
Start End	Hrs Activity Desc	-						
06:00 06:00	24.0 SHOOT TOMO							
	Po. 10 m 2 J	ERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To		\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	tal	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0	.0	Perf:			PKR De	pth: 0.0	
-	ne: BUILD LOCATION							
Start End	Hrs Activity Desc	-						
06:00 06:00	24.0 SHOOTING TO							
	.	ERRY CSERE	*-					
DailyCosts: Drilling	\$0	Completion	\$0		Daily To		\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To		\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD: 0	.0	Perf:			PKR De	pth: 0.0	
-	ne: BUILD LOCATION							
Start End 06:00 06:00	Hrs Activity Desc	=						
			ENDODE				·	
	F J	ERRY CSERE/KENT DEV			. =		00	
DailyCosts: Drilling	\$0	Completion	\$0		Daily To		\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0	•	Well To		\$80,000	
MD 60	TVD 60	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD: 0		Perf:			PKR De _l	pth: 0.0	
· -	ne: BUILD LOCATION/							
Start End	Hrs Activity Desc	ription						

06:00

06:00

24.0 STARTING CLOSED LOOP SYSTEM. CRAIGS ROUSTABOUT SERVICE ANTICIPATES TO SPUD A 20" HOLE ON 4/4/09 @ 09:00 AM. SET ±60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/2/09 @ 11:10 AM.

04-06-2009	Re	ported By	Т	ERRY CSERE							
DailyCosts: Dril	ling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Dril	ling	\$80,000)	Com	pletion	\$0		Well 7	Fotal	\$80,000	
MD 6	0	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :]	PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at Repo	rt Tiı	me: LOCATIO	N BUILD)							
Start End		Hrs Acti	vity Des	cription							
06:00 06:	:00	24.0 LOC	ATION C	COMPLETE.							
04-13-2009	Re	ported By	P	PETE COMEAU							
DailyCosts: Dril	ling	\$201,30)6	Con	pletion	\$0		Daily	Total	\$201,306	
Cum Costs: Dril	ling	\$281,30)6	Con	pletion	\$0		Well	Total	\$281,306	
MD 6	0	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		1	PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at Repo	rt Ti	me: COMPLET	ING TO	P JOBS							
Start End		Hrs Acti	vity Doc	crintion							

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #2 ON 4/9/2009. DRILLED 12–1/4" HOLE TO 2250' GL (2263' KB). ENCOUNTERED WATER AT 1060'. FLUID DRILLED HOLE FROM 1060' WITH NO RETURNS STARTING AT 1370.

RAN 51 JTS (2236.00') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2249' KB. DID NOT RUN 1" PIPE, RDMO AIR RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG.

PUMPED 160 BBLS WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 400 SX (84 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/169.4 BBLS FRESH WATER. BUMPED PLUG W/800 PSI @ 10:17 AM, 4/13/2009. CHECKED FLOAT, FLOAT HELD. SHUT—IN CASING VALVE. NO RETURNS.

TOP JOB #1: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HRS.

TOP JOB #2: MIXED AND PUMPED 150 SX (32 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HOURS.

TOP JOB #3: MIX 100 SX (21 BBL'S) OF PREMIUM CEMENT W/ 2% CACL. MIXED CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX. WELL RETURNED FLUID AT 11 BBL'S AWAY AND STOOD FULL.

PREPARING LOCATION FOR ROTARY RIG WHILE TOPPING OUT CEMENT .

ELENBURG 28 WILL MOVE ONTO LOCATION IMMEDIATELY AFTER CRAIGS RIG #2 DEPARTS.

CRAIGS RIG 2 TOOK SURVEYS WHILE DRILLING HOLE @ 1360' = 0.75 DEGREE & 2230' = 2.5 DEGREE.

KENT DEVENPORT NOTIFIED BLM VIA ELECTRONIC FORM W/ BLM OF THE SURFACE CASING & CEMENT JOB ON $4/10/2009\ @\ 10:00\ AM.$

04-14-200	09 Re	ported I	By M	ATT WILLIAM	S						
DailyCost	s: Drilling	\$4	43,143	Con	pletion	\$0		Dail	y Total	\$43,143	
Cum Cost	s: Drilling	\$3	324,449	Con	pletion	\$0		Well	Total	\$324,449	
MD	2,263	TVD	2,263	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	1:		PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity at	t Report Ti	me: R/D	PREPARE FOR	RIG MOVE.							
Start	End	Hrs	Activity Desc	ription							
06:00	06:00	24.0	RIG DOWN A	ND PREPARE F	OR RIG M	OVE.					
			ACCIDENTS N	IONE REPORTI	ED.						
			SAFETY MEE	ΓING: RIG MAI	INTENAN	CE.					
			CREWS FULL								
			FUEL ON HAN	ID: 400 GALS T	(RANSFE	RRED FROM	NBU 642-1	13E			

	DEPARTMENT OF NATURAL RESOLUTION OF OIL, GAS AND M		5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST
SUNDRY	NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill r drill horizontal l	new wells, significantly deepen existing wells below caterals. Use APPLICATION FOR PERMIT TO DRILI	current bottom-hole depth, reenter plugged wells. or to L form for such proposals.	7. UNIT or CA AGREEMENT NAME: Natural Buttes
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43-047-50058
3. ADDRESS OF OPERATOR: 1060 East Highway 40	Vernal UT	84078 PHONE NUMBER: (435) 781-9145	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 990' F	NL & 1184' FEL 39.953467 LAT	Г 109.383108 LON	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: NENE 13 10S	22E S.L.B. & M.	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion.	COMMINGLE PRODUCING FORMATIONS	S RECLAMATION OF WELL SITE	✓ OTHER: Drilling Operations
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	l
	ned TD on 4/17/2009, waiting on	Il pertinent details including dates, depths, volui	
		Out and the second	
NAME (PLEASE PRINT) Mickenzie		Operations Cler	K .
SIGNATURE WILLIAM	is Thacly ")	DATE 4/22/2009	
(This space for State use only)			

RECEIVED APR 27 2009

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
	U08512AST
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: Natural Buttes
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43-047-50058
3. ADDRESS OF OPERATOR: PHONE NUMBER: (435) 781-9145	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383108 LON	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 13 10S 22E S.L.B. & M.	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Drilling Operations
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume. No activity has occurred since 4/22/2009. Waiting on completion operations.	
Miskannia Thooks:	
NAME (PLEASE PRINT) Mickenzie Thacker Operations Clerk	
SIGNATURE William Trach "DATE 4/29/2009	
(This space for State use only)	

RECEIVED MAY 0 4 2009

	DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS AND N		5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST
SUNDR	Y NOTICES AND REPORT	TS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drill horizontal	Tratara Battee		
1. TYPE OF WELL OIL WELL	. GAS WELL 🗸 OTHER		8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43-047-50058
3. ADDRESS OF OPERATOR: 1060 East Highway 40	, Vernal	PHONE NUMBER: (435) 781-9145	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 990' I	FNL & 1184' FEL 39.953467 LA	T 109.383108 LON 22E S.L.B. & M.	COUNTY: Uintah STATE: UTAH
11. CHECK APF	PROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE RE	-
TYPE OF SUBMISSION	TO TO TO TO TO TO	TYPE OF ACTION	
	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATION	S RECLAMATION OF WELL SITE	✓ OTHER: Drilling Operations
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMAT	ION
	COMPLETED OPERATIONS. Clearly show a since 4/29/2009. Waiting on con		
·			
NAME (PLEASE PRINT) Mickenzi	e Thacker	TITLE Operations C	lerk
SIGNATURE William	in Tracky")	DATE 5/6/2009	
(This space for State use only)			

RECEIVED

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL OIL WELL ONE GAS WELL OTHER	7. UNIT OF CA AGREEMENT NAME: Natural Buttes 8. WELL NAME and NUMBER:
	Natural Buttes Unit 641-13E
2. NAME OF OPERATOR: EOG Resources, Inc.	43-047-50058
3. ADDRESS OF OPERATOR: 1060 East Highway 40 CITY Vernal STATE UT ZIP 84078 PHONE NUMBER: (435) 781-9145	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383108 LON	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 13 10S 22E S.L.B. & M.	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion:	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	other: Drilling Operations
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volun No activity has occurred since 5/13/2009.	nes, etc.
NAME (PLEASE PRINT) Mickenzie Thacker	k
SIGNATURE MICHAEL 5/20/2009	

(This space for State use only)

RECEIVED MAY 2 6 2009

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: Natural Buttes
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: Natural Buttes Unit 641-13E
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43-047-50058
3. ADDRESS OF OPERATOR: 1060 Foot Highway 40	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383108 LON	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 13 10S 22E S.L.B. & M.	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR LINEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER CITY OFF
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME) PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	✓ other: Drilling Operations
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	s, etc.
Waiting on completion operations. Please see the attached well chronology.	
NAME (PLEASE PRINT) Mickenzie Thacker Operations Clerk	
NAIME (PLEASE PRINT)	
SIGNATURE MALL 5/13/2009	
	RECEIVED :

(This space for State use only)

MAY 18 2009

DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

Report Generated On: 05-13-2009

Well Name	NBU 641-13E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API #	43-047-50058	Well Class	COMP
County, State	UINTAH, UT	Spud Date	04-14-2009	Class Date	
Tax Credit	N	TVD / MD	7,125/ 7,125	Property #	062348
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	7,124/ 7,124
KB / GL Elev	5,301/5,288				
Location	Section 13, T10S, R22E, NEN	NE, 990 FNL & 118	34 FEL		

DRILL & COMPLETE

Operator	EOC	G RESOURC	ES, INC	WI %	66.6	567		NRI %		48.062	
AFE No	E No 306020			AFE Total		1,275,135	DHC/CWC			567,8	35/ 707,300
Rig Contr	ELEN	NBURG	Rig Nam	ne ELE	ENBURG #28	Start Date	08-	-19-2008	Release	Date	04-18-2009
08-15-2008	Re	ported By	S	HEILA MAL	LOY						
DailyCosts: D	rilling	\$0		C	ompletion	\$0		Dail	ly Total	\$0	
Cum Costs: D	rilling	\$0		C	Completion	\$0		Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR De	epth: 0.0)

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description 06:00 06:00 24.0 LOCATION DATA

990' FNL & 1184' FEL (NE/NE) SECTION 13, T10S, R22E

UINTAH COUNTY, UTAH

LAT 39.953500, LONG 109.382428 (NAD 27) LAT 39.953467, LONG 109.383108 (NAD 83)

Description

ELENBURG #28

OBJECTIVE: 7125' TD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-08512-A

ELEVATION: 5296.9' NAT GL, 5288.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5288'), 5301' KB

(13')

EOG WI 66.67%, NRI 48.061643%

Reported By

03-23-2009

TERRY CSERE

DailyCosts: Drilling	\$80,000 \$80,000	Completion Completion	\$0 \$0		•	y Total Total	\$80,000 \$80,000	
Cum Costs: Drilling		-		0	MW	0.0	Visc	0.0
MD 0 Formation:	TVD 0 PBTD :	1108-100	Days Perf :	U	141 44	PKR De		0.0
rormation : Activity at Report Tir			TCII.			THE	pen • o.o	
Start End	Hrs Activity De							
06:00 06:00	-	ATION TODAY 3/23/09.						
		TERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily	y Total	\$ 0	
Cum Costs: Drilling	\$80,000	Completion	\$0		•	Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD :		Perf:			PKR De	pth: 0.0	
Activity at Report Tir			•				•	
Start End	Hrs Activity De							
06:00 06:00	•	UT, DRILLING ROCK.						
	ported By	TERRY CSERE					•	
DailyCosts: Drilling	\$0	Completion	\$0		Daily	y Total	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		•	Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD :	-	Perf:			PKR De	pth: 0.0	
Activity at Report Tir	me: BUILD LOCATIO	N						
• •	me: BUILD LOCATIO Hrs Activity De							
_	Hrs Activity De							
Start End 06:00 06:00	Hrs Activity De 24.0 ROCKED O	escription						
Start End 06:00 06:00	Hrs Activity De 24.0 ROCKED O	escription UT. DRILLING ROCK.	\$0		Daily	y Total	\$0	
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling	Hrs Activity De 24.0 ROCKED OF ported By	escription UT. DRILLING ROCK. TERRY CSERE	\$0 \$0		-	y Total Total	\$0 \$80,000	
Start End 06:00 06:00 03-26-2009 Re	Hrs Activity De 24.0 ROCKED OF ported By \$0	UT. DRILLING ROCK. TERRY CSERE Completion		0	-			0.0
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0	Hrs Activity De 24.0 ROCKED OF ported By \$0 \$80,000	TERRY CSERE Completion Completion Progress 0	\$0	0	Well	Total	\$80,000 Visc	0.0
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activity De 24.0 ROCKED 01 ported By \$0 \$80,000 TVD 0 PBTD :	TERRY CSERE Completion Completion Progress 0 10.0	\$0 Days	0	Well	Total 0.0	\$80,000 Visc	0.0
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Activity De 24.0 ROCKED 01 ported By \$0 \$80,000 TVD 0 PBTD :	Completion Completion Completion Progress 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 Days	0	Well	Total 0.0	\$80,000 Visc	0.0
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tire	Hrs Activity De 24.0 ROCKED OF ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO	Completion Completion Completion Progress 0 0.0 N escription	\$0 Days	0	Well	Total 0.0	\$80,000 Visc	0.0
Start End 06:00 06:00 03-26-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00	Hrs Activity De 24.0 ROCKED OF sported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO Hrs Activity De 24.0 DRILLING F	Completion Completion Completion Progress 0 0.0 N escription	\$0 Days	0	Well	Total 0.0	\$80,000 Visc	0.0
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00 03-27-2009 Re	Hrs Activity De 24.0 ROCKED OF ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO Hrs Activity De 24.0 DRILLING F	Completion Completion Completion Progress 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 Days	0	Well MW	Total 0.0	\$80,000 Visc	0.0
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling	Hrs Activity De 24.0 ROCKED OF ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO Hrs Activity De 24.0 DRILLING F	Completion Completion Progress 0 0 0.0 N escription Completion Progress TERRY CSERE	\$0 Days Perf:	0	Well MW Daily	Total 0.0 PKR De	\$80,000 Visc pth: 0.0	0.0
Start End 06:00 06:00 03-26-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00	Hrs Activity De 24.0 ROCKED OF sported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO Hrs Activity De 24.0 DRILLING F	Completion UT. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 1 0.0 N Escription ROCK. TERRY CSERE Completion	\$0 Days Perf:	0	Well MW Daily	O.0 PKR De	\$80,000 Visc pth: 0.0	0.0
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activity De 24.0 ROCKED OF ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO Hrs Activity De 24.0 DRILLING F ported By \$0 \$80,000	Completion Completion Completion Progress 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 Days Perf: \$0 \$0 \$0		Well MW Daily Well	Total 0.0 PKR De	\$80,000 Visc pth: 0.0 \$0 \$80,000 Visc	
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activity De 24.0 ROCKED OF ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO Hrs Activity De 24.0 DRILLING F ported By \$0 \$80,000 TVD 0 PBTD:	Completion Completion Progress 0 0.0 N Completion Progress 0	\$0 Days Perf: \$0 \$0 \$0 Days		Well MW Daily Well	O.0 PKR De y Total Total 0.0	\$80,000 Visc pth: 0.0 \$0 \$80,000 Visc	
Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tir Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Activity De 24.0 ROCKED OF ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATIO Hrs Activity De 24.0 DRILLING F ported By \$0 \$80,000 TVD 0 PBTD:	Completion Completion Completion Progress 0 Completion Progress 0 Completion Completion Completion Completion Completion Completion Completion Completion Completion Progress 0 Completion Completion	\$0 Days Perf: \$0 \$0 \$0 Days		Well MW Daily Well	O.0 PKR De y Total Total 0.0	\$80,000 Visc pth: 0.0 \$0 \$80,000 Visc	

\$0 Completion \$0 **Daily Total** DailyCosts: Drilling \$0 \$0 Well Total \$80,000 \$80,000 Completion **Cum Costs: Drilling** 0.0 0.0 0 **Progress** Days 0 MWVisc MD TVD PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: LOCATION BUILD **Activity Description** End Hrs Start 24.0 SHOOT WEDNESDAY. 06:00 06:00 TERRY CSERE 03-31-2009 Reported By \$0 \$0 **Daily Total** \$0 Completion DailyCosts: Drilling Well Total \$80,000 \$80,000 Completion \$0 **Cum Costs: Drilling** 0.0 0 MW0.0 Visc 0 TVD **Progress** Days MD PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf: Activity at Report Time: BUILD LOCATION End Hrs **Activity Description** Start 24.0 SHOOT TOMORROW. 06:00 06:00 04-01-2009 Reported By TERRY CSERE \$0 **Daily Total** \$0 \$0 Completion DailyCosts: Drilling \$80,000 \$80,000 Completion \$0 Well Total **Cum Costs: Drilling** 0 0.0 0.0 0 MWVisc 0 Days MD TVD **Progress** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION **Activity Description** Start End Hrs 24.0 SHOOTING TODAY. 06:00 06:00 TERRY CSERE 04-02-2009 Reported By \$0 \$0 **Daily Total** DailyCosts: Drilling \$0 Completion \$80,000 \$0 Well Total **Cum Costs: Drilling** \$80,000 Completion 0 0.0 Visc 0.0 TVD 0 **Progress** 0 Days MWMD PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION **Activity Description** Start End 06:00 24.0 PUSHING OUT PIT & LOCATION. 06:00 TERRY CSERE/KENT DEVENPORT 04-03-2009 Reported By **Daily Total** \$0 \$0 \$0 Completion DailyCosts: Drilling \$0 **Well Total** \$80,000 \$80,000 Completion **Cum Costs: Drilling** 0 0.0 0.0 MWVisc 60 TVD 60 Days MD **Progress** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION/SPUD NOTIFICATION Start End Hrs **Activity Description** 24.0 STARTING CLOSED LOOP SYSTEM. CRAIGS ROUSTABOUT SERVICE TO SPUD A 20" HOLE ON 4/4/09 @ 09:00 06:00 06:00 AM. SET ±60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/2/09 @ 11:10 AM.

04-06-20		eported By		ERRY CSERE		40		T	l 77-4-1	0.2	
•	ts: Drilling	\$0			pletion	\$0 \$0			ly Total	\$0 \$80,000	
	sts: Drilling	\$80,000			pletion	\$0	0		l Total	-	0.0
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio			BTD : 0.	.0		Perf:			PKR De	pun : 0.0	
-	_	me: LOCATION									
Start 06:00	End 06:00	Hrs Activ	rity Descr ATION CO	_							
00.00 04-13-20		eported By		TE COMEAU							
		\$201,30			pletion	\$0		Doil	ly Total	\$201,306	
-	ts: Drilling ts: Drilling	\$281,30			pletion	\$0 \$0			l Total	\$281,306	
	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
MD Formatio			BTD: 0.		U	Days Perf:	Ü	147 44	PKR De		0.0
		me: COMPLET				1011.			1111120	POL 1 0.0	
•	End		rity Descr								
tart 06:00	06:00		-	_						D) ENICOLINE	DED
		RAN . COLL	ER AT 106 51 JTS (22 AR, 8 CE	SAIR RIG #2 U 0'. FLUID DRI 236.00') OF 9-5 NTRALIZERS NOT RUN 1" P	LLED HO 5/8", 36.0#, SPACED I	LE FROM 106 , J–55, ST&C (MIDDLE OF S	0' WITH N CASING W	O RETURN ITH HALLI	BURTON GU	AT 1370. IDE SHOE ANI) FLOAT
		RAN COLL 2249' MIRU VALV PUMI SX (8	ER AT 106 51 JTS (22 AR. 8 CE KB. DID HALLIB E TO 200 PED 160 E 4 BBLS) (0'. FLUID DRI 236.00') OF 9-5 ENTRALIZERS NOT RUN 1" P URTON CEME 0 PSIG. BBLS WATER & DF PREMIUM (LLED HO. 6/8", 36.0#, SPACED I IPE, RDM NTERS. H	LE FROM 106 , J-55, ST&C (MIDDLE OF S O AIR RIG. IELD SAFETY GELLED WA' W/2% CACL2.	O' WITH N CASING W HOE JOIN MEETING TER FLUS MIXED C	O RETURN ITH HALLI T AND EVE G. PRESSUE H AHEAD (EMENT @	IS STARTING IBURTON GU ERY COLLAR RE TESTED LI DF CEMENT. 1 15.6 PPG W/Y	AT 1370. IDE SHOE ANI TILL GONE. L INES AND CEN MIXED & PUM IELD OF 1.18 (D FLOAT ANDED MENT IPED 400 CF/SX.
		RAN COLL 2249' MIRU VALV PUMI SX (8 DISPI CHEC	ER AT 1065 51 JTS (22 AR. 8 CE KB. DID HALLIB E TO 200 PED 160 F 4 BBLS) (ACED CI CKED FLC OB #1: M	0'. FLUID DRI 236.00') OF 9-5 ENTRALIZERS NOT RUN 1" P URTON CEME 0 PSIG. BBLS WATER &	LLED HO. 5/8", 36.0#, SPACED I IPE, RDM NTERS. H 2 20 BBLS CEMENT 4 BBLS F ELD. SHU	LE FROM 106 , J-55, ST&C (MIDDLE OF S O AIR RIG. IELD SAFETY GELLED WA' W/2% CACL2. RESH WATER T-IN CASING	O' WITH N CASING W HOE JOIN MEETING TER FLUS MIXED C L. BUMPEL VALVE, N OF PREMIU	O RETURN ITH HALLI T AND EVE G. PRESSUE H AHEAD (EMENT @ D PLUG W/8 IO RETURN	IS STARTING IBURTON GU ERY COLLAR RE TESTED L DF CEMENT. 1 15.6 PPG W/Y 100 PSI @ 10:1	AT 1370. IDE SHOE ANI TILL GONE. L INES AND CEM MIXED & PUM TELD OF 1.18 (7 AM, 4/13/200	D FLOAT ANDED MENT IPED 400 CF/SX. 19.
		RAN COLL 2249' MIRU VALV PUMI SX (8 DISPI CHEC	ER AT 106 ER AT 106 ST JTS (22 AR. 8 CE KB. DID HALLIB E TO 200 PED 160 F 4 BBLS) (LACED CI CKED FLC OB #1: M PG W/YI) OB #2: M	0'. FLUID DRI 236.00') OF 9-5 NTRALIZERS NOT RUN 1" P URTON CEME 0 PSIG. BBLS WATER & BBLS WATER & DEMENT W/169 DAT, FLOAT HE	LLED HO. 5/8", 36.0#, SPACED I IPE, RDM NTERS. H 2 20 BBLS CEMENT 4 BBLS F ELD. SHU PED 100 S2 F/SX. NO MPED 150	LE FROM 106 , J-55, ST&C (MIDDLE OF S O AIR RIG. IELD SAFETY GELLED WA W/2% CACL2. RESH WATER T-IN CASING X (21 BBLS) C RETURNS. W	O' WITH N CASING W HOE JOIN THE FLUS MIXED C BUMPER VALVE. N OF PREMIU OC 4 HRS.	O RETURN ITH HALLI T AND EVE G. PRESSUE H AHEAD (EMENT @ D PLUG W/8 IO RETURN IM CEMEN	IS STARTING IBURTON GU ERY COLLAR RE TESTED LI DF CEMENT, 1 15.6 PPG W/Y 800 PSI @ 10:1 IS.	AT 1370. IDE SHOE ANI TILL GONE. L INES AND CEM MIXED & PUM TIELD OF 1.18 (17 AM, 4/13/200) 1.2. MIXED CEM 1.2. MIXED CEM 1.3. MIXED CEM 1.3. MIXED CEM 1.4. MIXED CEM 1.5. MIXED CEM 1	D FLOAT ANDED MENT IPED 400 CF/SX. 19.
		RAN COLL 2249' MIRU VALV PUMI SX (8 DISPI CHEC	ER AT 106 51 JTS (22 AR. 8 CE KB. DID HALLIB E TO 200 PED 160 E 4 BBLS) (ACED CI CKED FLC OB #1: M PG W/YII OB #2: M PG W/YII OB #3: M	0'. FLUID DRI 236.00') OF 9-5 ENTRALIZERS NOT RUN 1" P. URTON CEME 0 PSIG. BBLS WATER & DF PREMIUM 0 EMENT W/169 DAT, FLOAT HE	LLED HO. 5/8", 36.0#, SPACED I IPE, RDM NTERS. H 2 20 BBLS CEMENT 4 BBLS F ELD. SHU PED 100 S2 F/SX. NO MPED 150 F/SX. NO BBL'S) OF	LE FROM 106 , J-55, ST&C (MIDDLE OF S O AIR RIG. IELD SAFETY GELLED WA W/2% CACL2. RESH WATER T-IN CASING X (21 BBLS) C RETURNS. W O SX (32 BBLS RETURNS. W F PREMIUM C	O' WITH N CASING W HOE JOIN MEETING TER FLUS MIXED C BUMPED VALVE, N OF PREMIU OC 4 HRS. OC 3 HOU MEEMENT W	O RETURN ITH HALLI T AND EVE G. PRESSUE H AHEAD (EMENT @ D PLUG W/8 IO RETURN JIM CEMEN JIM CEM	IS STARTING IBURTON GU ERY COLLAR RE TESTED LI DF CEMENT. I 15.6 PPG W/Y 800 PSI @ 10:1 IS. IT W/2% CACI ENT W/2% CACI	AT 1370. IDE SHOE ANI TILL GONE. L INES AND CEM MIXED & PUM TIELD OF 1.18 0 17 AM, 4/13/200 ACL2. MIXED CEM ACL2. MIXED OF 1.18 0 MENT @ 15.8 P.	D FLOAT ANDED MENT IPED 400 CF/SX. 199. MENT @ CEMENT
		RAN COLL 2249' MIRU VALV PUMI SX (8- DISPI CHEC TOP J 15.8 P TOP J 15.8 P	ER AT 106 ST JTS (22 AR. 8 CE KB. DID HALLIB E TO 200 PED 160 E 4 BBLS) (LACED CI CKED FLC OB #1: M PG W/YII OB #2: M PG W/YII OB #3: M D OF 1.15	O'. FLUID DRI 236.00') OF 9-5 ENTRALIZERS NOT RUN 1" P. URTON CEME 0 PSIG. BBLS WATER & DF PREMIUM O EMENT W/169 DAT, FLOAT HE EIZED & PUMP ELD OF 1.15 CI	LLED HO. 5/8", 36.0#, SPACED I IPE, RDM NTERS. H 2 20 BBLS CEMENT 4 BBLS F ELD. SHU ED 100 SS F/SX. NO MPED 150 F/SX. NO BBL'S) OF RETURN	LE FROM 106 , J-55, ST&C (MIDDLE OF S O AIR RIG. IELD SAFETY GELLED WA' W/2% CACL2. RESH WATER T-IN CASING X (21 BBLS) C RETURNS. W O SX (32 BBLS RETURNS. W F PREMIUM C ED FLUID AT	O' WITH N CASING W HOE JOIN THER FLUS MIXED C BUMPER VALVE, N OF PREMIU OC 4 HRS. OF PREMOC 3 HOU EMENT W 11 BBL'S	O RETURN ITH HALLI T AND EVE G. PRESSUE H AHEAD (EMENT @ D PLUG W/S IO RETURN UM CEMEN UM CEMEN AIUM CEMEN AI	S STARTING BURTON GU ERY COLLAR RE TESTED LI DF CEMENT. I 15.6 PPG W/Y 800 PSI @ 10:1 IS. T W/2% CACI ENT W/2% CACI	AT 1370. IDE SHOE ANI TILL GONE. L INES AND CEM MIXED & PUM TIELD OF 1.18 0 17 AM, 4/13/200 ACL2. MIXED CEM ACL2. MIXED OF 1.18 0 MENT @ 15.8 P.	D FLOAT ANDED MENT IPED 400 CF/SX. 199. MENT @ CEMENT
		RAN COLL 2249' MIRU VALV PUMI SX (8 DISPI CHEC	ER AT 106 51 JTS (22 AR. 8 CE KB. DID HALLIB E TO 200 PED 160 E 4 BBLS) (ACED CI CKED FLC OB #1: M PG W/YII OB #2: M PG W/YII OB #3: M D OF 1.15	O'. FLUID DRI 236.00') OF 9-5 ENTRALIZERS NOT RUN 1" P URTON CEME 0 PSIG. BBLS WATER & DF PREMIUM 0 EMENT W/169 DAT, FLOAT HE IIXED & PUMP ELD OF 1.15 CI	LLED HO. 5/8", 36.0#, SPACED I IPE, RDM NTERS. H 20 BBLS CEMENT 4 BBLS F ELD. SHU FED 100 S2 F/SX. NO MPED 150 F/SX. NO BBL'S) OF RETURN ROTARY	LE FROM 106 , J-55, ST&C (MIDDLE OF S O AIR RIG. IELD SAFETY GELLED WA W/2% CACL2. RESH WATER T-IN CASING X (21 BBLS) C RETURNS. W O SX (32 BBLS RETURNS. W F PREMIUM C ED FLUID AT RIG WHILE T	O' WITH N CASING W HOE JOIN MEETING TER FLUS MIXED C BUMPEL VALVE. N OF PREMIU OC 4 HRS. OC 3 HOU CEMENT W 11 BBL'S	O RETURN ITH HALLI T AND EVE G. PRESSUE H AHEAD (EMENT @ D PLUG W/8 IO RETURN JIM CEMEN JIM CEM	IS STARTING IBURTON GUERY COLLAR RE TESTED LE DE CEMENT. 1 15.6 PPG W/Y 800 PSI @ 10:1 RS. T W/2% CACI ENT W/2% CACI . MIXED CEM D STOOD FULL NT .	AT 1370. IDE SHOE ANI TILL GONE. L INES AND CEM MIXED & PUM TELD OF 1.18 0 17 AM, 4/13/200 ACL2. MIXED CEM ACL2. MIXED CEM MENT @ 15.8 P. L.	D FLOAT ANDED MENT IPED 400 CF/SX. 199. MENT @ CEMENT

04-14-2009	Reported By	MATT WILLIAMS				
DailyCosts: Drill	ing \$43,143	Completion	\$0	Daily Total	\$43,143	

JOB ON 4/10/2009 @ 10:00 AM.

KENT DEVENPORT NOTIFIED BLM VIA ELECTRONIC FORM W/ BLM OF THE SURFACE CASING & CEMENT



Well Total \$324,449 **Cum Costs: Drilling** \$324,449 Completion \$0 0 MW 0.0 Visc 0.0 2,263 TVD 2,263 Days MD **Progress** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: R/D PREPARE FOR RIG MOVE. Start End Hrs **Activity Description** 06:00 24.0 RIG DOWN AND PREPARE FOR RIG MOVE. 06:00 ACCIDENTS NONE REPORTED. SAFETY MEETING: RIG MAINTENANCE. CREWS FULL. FUEL ON HAND: 400 GALS TRANSFERRED FROM NBU 642-13E MATT WILLIAMS/JESSE TAMAN 04-15-2009 Reported By \$71,890 **Daily Total** DailyCosts: Drilling \$71,890 Completion \$0 \$396,339 \$0 Well Total \$396,339 Completion **Cum Costs: Drilling** 0.0 MWVisc 1,105 MD 3,354 TVD 3,354 **Progress** Days PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: DRILLING 3354' Start End Hrs **Activity Description** 1.0 CONTINUE TO RIG DOWN FOR RIG MOVE TO NBU 641-13E 06:00 07:00 4.0 SAFETY MEETING W/ HOWCROFT & RIG HANDS, MOVE & RIG UP ON NEW LOCATION NBU 641-13E, .5 11:00 07:00 MILES. SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP, CONTINUE RIGING UP. INSTALL NIGHT CAP ON NBU 642-13E W/FMC. 3.0 NIPPLE UP BOP, FLAIR LINES, FUNCTION TEST BOP, RIG ON DAY WORK @ 11:00 HRS, 04/14/09 14:00 11:00 3.5 TEST BOP AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, 14:00 17:30 LOWER KELLY, FLOOR VALVE & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH. TESTED ANNULAR 250 PSI LOW & 2500 PSI HIGH. 18:00 0.5 INSTALL WEAR BUSHING. 17:30 1.5 PICK UP DRILL STRING TAG CEMENT @ 2171'. 19:30 18:00 20:30 1.0 DRILL CEMENT, FLOAT & SHOE F/2171' - 2273'. 19:30 0.5 RUN FIT TEST @2249' WITH 9.1 PPG MUD & 170 PSI = 10.1 PPG EMW. 21:00 20:30 21:30 0.5 SURVEY @ 2221' = 1 DEG. 21:00 7.5 DRILL ROTATE 2259' - 3263', 10-18K WOB, 55/68, 120 SPM, 409 GPM, 150-300 PSI DIFF, 133 FPH. 21:30 05:00 0.5 SURVEY @ 3263' - 1.5 DEG. 05:30 05:00 0.5 DRILL ROTATE 3263' - 3354', 10-18K WOB, 55/68, 120 SPM, 409 GPM, 150-300 PSI DIFF, 182 FPH. 06:00 05:30 SAFETY MEETING ON MOVING RIG & PRESSURE TESTING BOP. WEATHER IS CLEAR & TEMP IS 40 DEG. FULL CREWS & NO ACCIDENTS. COM OK. FUEL 3739 GAL.

FUEL 3/39 GAL

FORMATION MAHOGAN.

MUD WT 9.1 PPG & 34 VIS.

06:00 SPUD A 7 7/8" HOLE WITH ROTARY TOOL @ 20:30 HRS, 4/14/ 09.

04-16-2009 Reported By

JESSE TAMAN

DailyCosts: Drilling

Cum Costs: Drilling

\$23,839

\$578,546

Dually Commercial		\$1	21,009	Comp	letion	\$0			y Total	\$121,009	
Cum Cost	s: Drilling	\$5	17,348	Comp	letion	\$0		Wel	l Total	\$517,348	
MD	5,759	TVD	5,759	Progress	2,405	Days	2	MW	10.5	Visc	36.0
Formation	1:		PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity at	t Report Ti	me: DRIL	LING @ 5759'								
Start	End	Hrs	Activity Desc	ription							
06:00	09:30	3.5	DRILL ROTAT	E 3354' – 3890', 1	4-20K V	VOB, 55/68, 1	20 SPM, 40	9 GPM, 150	-300 PSI DIF	F, 153 FPH.	
		J	MUD WT 10.0	PPG & 36 VIS.							
09:30	10:00	0.5	SURVEY 2822'	r = 2.75 DEG.							
			SERVICE RIG.								
10:00	06:00	20.0	DRILL ROTAT	E 3890' – 5759', 1	4–20K V	VOB, 55/68, 1	20 SPM, 40	9 GPM, 150	–300 PSI DIFI	F, 93 FPH.	
		;	SAFETY MEET	TING ON MAKIN	IG CON	NECTION &	TEAM WOF	RK.			
		,	WEATHER IS	CLEAR & TEMP	IS 32 DE	EG.					
]	FULL CREWS	& NO ACCIDENT	ΓS.						
		(СОМ ОК.								
		1	FUEL 2463 GA	L.							
]	FORMATION I	BUCK CANYON.							
]	MUD WT 10.5	PPG & 36 VIS.							
04-17-20	09 Re	ported B	y JE	SSE TAMAN							
	T. 1111	6 2	7 358	Comp	lation	\$0		Dail	y Total	\$37,358	
DailyCost :	s: Drilling	\$37,358		Comp	icuon	**		Dan	y Iotai		
-	s: Drilling s: Drilling		54,706	Comp		\$0			l Total	\$554,706	
Cum Cost				Comp			3		-		38.0
Cum Cost	rs: Drilling 7,125	\$5:	54,706	Comp	letion	\$0	3	Wel	l Total	\$554,706 Visc	38.0
Cum Cost MD Formation	rs: Drilling 7,125	\$5. TVD	54,706 7,125 PBTD: 0	Comp	letion	\$0 Days	3	Wel	l Total	\$554,706 Visc	38.0
Cum Cost MD Formation Activity at	7,125	\$5: TVD me: SHOR	54,706 7,125 PBTD: 0	Comp. Progress	letion	\$0 Days	3	Wel	l Total	\$554,706 Visc	38.0
Cum Cost MD Formation Activity at	s: Drilling 7,125 1: t Report Ti	\$55 TVD me: SHOR	54,706 7,125 PBTD: 0 RT TRIP Activity Desc	Comp. Progress	letion 1,366	\$0 Days Perf:		Wel	l Total 11.0 PKR Dej	\$554,706 Visc pth: 0.0	38.0
Cum Cost MD Formation Activity at Start	7,125 1: t Report Tin	\$55 TVD me: SHOR Hrs	54,706 7,125 PBTD: 0 RT TRIP Activity Desc	Composition E 5759' – 6253', 1	letion 1,366	\$0 Days Perf:		Wel	l Total 11.0 PKR Dej	\$554,706 Visc pth: 0.0	38.0
Cum Cost MD Formation Activity at Start 06:00	7,125 1: t Report Til End 12:30	\$5. TVD me: SHOR Hrs	54,706 7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI	Comp. Progress .0 ription E 5759' – 6253', 1. E 6253' – 7125', 1.	1,366 4-22K V	\$0 Days Perf:	20 SPM, 40	Wel: MW 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
MD Formation Activity at Start 06:00 12:30	7,125 1: t Report Til End 12:30 13:00	\$5. TVD me: SHOR Hrs	54,706 7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. DRILL ROTATI @ 04:45 HRS, (Comp. Progress .0 ription E 5759' – 6253', 1. E 6253' – 7125', 1.	1,366 4-22K V	\$0 Days Perf:	20 SPM, 40	Wel: MW 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
Cum Cost MD Formation Activity at Start 06:00 12:30 13:00	7,125 1: Report Til End 12:30 13:00 04:45	\$5. TVD me: SHOR Hrs 6.5 1 0.5 3 15.75 1 0.75 0	54,706 7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. DRILL ROTATI @ 04:45 HRS, 0	Comp. Progress .0 ription E 5759' - 6253', 1 E 6253' - 7125', 1 04/17/09.	1,366 4-22K V	\$0 Days Perf:	20 SPM, 40	Wel: MW 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
Cum Cost MD Formation Activity at Start 06:00 12:30 13:00 04:45	7,125 1: t Report Th End 12:30 13:00 04:45 05:30	\$5. TVD me: SHOR Hrs	54,706 7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. DRILL ROTATI @ 04:45 HRS, (CIRCULATE F WIPER TRIP, S	Comp. Progress .0 ription E 5759' - 6253', 1 E 6253' - 7125', 1 04/17/09. OR SHORT TRIP.	1,366 4-22K V 4-22K V	\$0 Days Perf: VOB, 55/68, 1	20 SPM, 40 20 SPM, 40	Well MW 9 GPM, 150 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
Cum Cost MD Formation Activity at Start 06:00 12:30 13:00 04:45	7,125 1: t Report Th End 12:30 13:00 04:45 05:30	\$5. TVD me: SHOR Hrs	54,706 7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. DRILL ROTATI @ 04:45 HRS, 0 CIRCULATE F WIPER TRIP, S	Comp. Progress .0 ription E 5759' – 6253', 1 E 6253' – 7125', 1 04/17/09. OR SHORT TRIP.	letion 1,366 4-22K V 4-22K V DINTS.	\$0 Days Perf: VOB, 55/68, 1	20 SPM, 40 20 SPM, 40 CRIP HAZAL	Well MW 9 GPM, 150 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
Cum Cost MD Formation Activity at Start 06:00 12:30 13:00 04:45	7,125 1: t Report Th End 12:30 13:00 04:45 05:30	\$5. TVD me: SHOR Hrs	7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. DRILL ROTATI @ 04:45 HRS, (CIRCULATE F WIPER TRIP, S SAFETY MEE: WEATHER IS I	Comp. Progress .0 ription E 5759' – 6253', 1 D4/17/09. OR SHORT TRIP. SHORT TRIP 20 JO	letion 1,366 4-22K V 4-22K V DINTS. TING FOR	\$0 Days Perf: VOB, 55/68, 1	20 SPM, 40 20 SPM, 40 CRIP HAZAL	Well MW 9 GPM, 150 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
Cum Cost MD Formation Activity at Start 06:00 12:30 13:00 04:45	7,125 1: t Report Th End 12:30 13:00 04:45 05:30	\$5. TVD me: SHOR Hrs	7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. DRILL ROTATI @ 04:45 HRS, (CIRCULATE F WIPER TRIP, S SAFETY MEE: WEATHER IS I	Comp. Progress .0 ription E 5759' – 6253', 1. 04/17/09. OR SHORT TRIP. SHORT TRIP 20 JO TING ON OPERA' PARTLY CLOUDY	letion 1,366 4-22K V 4-22K V DINTS. TING FOR	\$0 Days Perf: VOB, 55/68, 1	20 SPM, 40 20 SPM, 40 CRIP HAZAL	Well MW 9 GPM, 150 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
Cum Cost MD Formation Activity at Start 06:00 12:30 13:00 04:45	7,125 1: t Report Th End 12:30 13:00 04:45 05:30	\$5. TVD me: SHOR Hrs	7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. ORILL ROTATI @ 04:45 HRS, 0 CIRCULATE F WIPER TRIP, S SAFETY MEET WEATHER IS I	Compine Progress .0 ription E 5759' – 6253', 1 D4/17/09. OR SHORT TRIP. SHORT TRIP 20 JOHNS ON OPERA' PARTLY CLOUDY & NO ACCIDENT	letion 1,366 4-22K V 4-22K V DINTS. TING FOR	\$0 Days Perf: VOB, 55/68, 1	20 SPM, 40 20 SPM, 40 CRIP HAZAL	Well MW 9 GPM, 150 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	
Cum Cost MD Formation Activity at Start 06:00 12:30 13:00 04:45	7,125 1: t Report Th End 12:30 13:00 04:45 05:30	\$5. TVD me: SHOR Hrs 6.5 1 0.5 3 15.75 0 0.75 0 0.5 3	54,706 7,125 PBTD: 0 RT TRIP Activity Desc DRILL ROTATI SERVICE RIG. DRILL ROTATI @ 04:45 HRS, 0 CIRCULATE F WIPER TRIP, S SAFETY MEET WEATHER IS I FULL CREWS COM OK.	Compine Progress .0 ription E 5759' – 6253', 1. 24/17/09. OR SHORT TRIP. SHORT TRIP 20 JOHN OPERATE PARTLY CLOUDY & NO ACCIDENT L.	letion 1,366 4-22K V 4-22K V DINTS. TING FOR	\$0 Days Perf: VOB, 55/68, 1	20 SPM, 40 20 SPM, 40 CRIP HAZAL	Well MW 9 GPM, 150 9 GPM, 150	11.0 11.0 PKR Dep	\$554,706 Vise pth: 0.0	

Completion

Completion

\$4,224

\$4,224

Daily Total

Well Total

\$28,063

\$582,770

End

Start

MD 7,125 TVD 7,125 Progress 0 Days 4 MW 10.9 Visc 35.0 Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: CIRCULATING FOR CEMENT

Hrs

Activity Description

06:00	07:30	1.5 WIPER TRIP, SHORT TRIP 20 STANDS.
07:30	09:00	1.5 CIRCULATE FOR LAYING DOWN DRILL STRING.
09:00	19:00	10.0 LAYDOWN DRILL STRING & WORK TIGHT HOLE F/5100' - 2400'.
19:00	21:00	2.0 RIG UP CASING CREW & HOLD SAFETY MEETING RUNNING CASING.
21:00	06:00	9.0 RAN 176 TOTAL JOINTS (176 FULL JOINTS + 2 MARKER JOINTS & 1 PUP JOINT) OF 4.5", 11.6#,

HCP-110, LT&C CASING AS FOLLOWS: 1 WEATHERFORD FLOAT SHOE SET @ 7124', 1 JOINT OF CASING, 1 WEATHERFORD FLOAT COLLAR SET @ 7082', 28 JOINTS OF CASING, 1-21' MARKER JOINT SET @ 5947' - 5967', 32 JOINTS OF CASING, 1-22' PUP JOINT SET @ 4649' - 4670', 24 JOINTS OF CASING & 1-11' MARKER JOINT SET @ 3658' - 3669', 91 JOINTS OF CASING & 1 CASING HANGER ASSEMBLY. RUN 15 TOTAL CENTRALIZERS AS FOLLOWS, 5' ABOVE SHOE ON JOINT #1 & ON TOP OF JOINT #2, THEN EVERY 2ND JOINT TO JOINT #28 @ 5813'. CONFIRMED TD WITH CASING, TAGGING AT 7125' WITH JOINT #177. SET CASING IN MANDREL HANGER WITH FULL STRING WEIGHT. (64,000# WITHOUT BLOCK WEIGHT).

SAFETY MEETING ON LAYING DOWN DRILL STRING & RUNNING CASING.

WEATHER IS PARTLY CLOUDY & TEMP IS 36 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 782 GAL.

FORMATION PRICE RIVER.

MUD WT 11.0 PPG & 38 VIS.

04-19-2009	19-2009 Reported By		JI	JESSE TAMAN							
DailyCosts: Drilling \$50,199		,199	Completion		\$139,617		Daily	Total	\$189,816		
Cum Costs:	Drilling	\$628	8,745	Com	pletion	\$143,841	Well Total			\$772,586	
MD	7,125	TVD	7,125	Progress	0	Days	5	\mathbf{MW}	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR De	pth: 0.0	

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	08:00	2.0	CIRCULATE FOR CEMENT.
			HOLD SAFETY MEETING ON CEMENTING.

08:00

2.0 RIGGED UP CEMENT HEAD, PRESSURE TESTED LINES TO 4000 PSI & CEMENT 4 1/2" PRODUCTION CASING AS FOLLOWS:PUMPED 10 BBLS FRESH WATER, PUMPED 20 BBLS MUD FLUSH SPACER. PUMPED 10 BBLS FRESH WATER, PUMPED 380 SACKS (121.3 BBLS) OF HIGHBOND 75 PREMIUM – CLASS G CEMENT WITH 2% BENTONITE, 2 MICROBOND, .3% VERSASET @ 12.00 PPG, 1.837 CFPS, 9.863 GPS FRESH WATER. PUMPED LEAD CEMENT @ 4 BPM & 675 PSI. PUMPED 920 SACKS (238.8 BBLS) EXTENDACEM (TM) SYSTEM PREMIUM – CLASS G CEMENT WITH .125 LBM/SK POLY-E-FLAKE (LOST CIRCULATION ADDITIVE), 2% BENTONITE, .75% HALAD (R)—322, 3% POTASSIUM CHLORIDE— KCL, 3 LBM SILICATE – COMPACTED, .2% WG—17, 13.50 PPG, 1.47 CFPS, 6.98 GPS FRESH WATER. PUMPED TAIL CEMENT @ 6 BPM & 300 PSI. DISPLACED WITH TOTAL OF 110 BBLS FRESH WATER. FIRST 60 BBLS DISPLACEMENT @ 6.5 BPM & 800—2200 PSI, PUMPED 2ND 10 BBLS DISPLACEMENT @ 4 BPM & 2100 PSI, 10 BBLS SHY OF BUMPING PLUG, REDUCED DISPLACEMENT RATE TO 2 BPM & 2050 PSI. BUMPED PLUG WITH 3100 PSI @ 10:00 HOURS,

CHECKED FLOATS & FLOATS HELD. FULL RETURNS. (10 BBLS CEMENT TO SURFACE).

10:00 11:00 1.0 RIG DOWN CEMENTERS.

11:00	12:30	1.5 BACK OUT LANDING JOINT, SET PACKOFF & TEST TO 5000 PSI FOR 15 MIN.
12:30	16:00	3.5 CLEAN PITS & RIG DOWN.
16:00	06:00	14.0 RIG DOWN.
		SAFETY MEETING ON RUNNING CASING & CEMENTING.
		FULL CREWS & NO ACCIDENTS.
		COM OK.
		TRANSFER 350 GAL OF DIESEL FUEL @ \$2.03/GAL
		TRANSFER 5 JOINTS 203.59' OF 4.5" P-110, 11.6#, LTC CASING TO CWU 743-2
		MOVING RIG 12 MILES TO CWU 743–2
		TRUCKS SCHEDULED FOR 04/19/2009.
06:00		RELEASED RIG @ 16:00 HRS, 04/18/2009.

CASING POINT COST \$599,893

04-29-2009	Re	Reported By		EARLE							
DailyCosts:	Drilling	\$0		C	Completion	\$37,300		Daily	Total	\$37,300	
Cum Costs:	Drilling	\$628	3,745	C	Completion	\$181,141		Well 7	l'otal	\$809,886	
MD	7,125	TVD	7,125	Progress	. 0	Days	6	MW	0.0	Visc	0.0
Formation :			PBTD : 7	083.0		Perf:			PKR De _l	oth: 0.0	
A 45 544 T	4 TE	DDEDE	OD ED AGE								

Activity at Report Time: PREP FOR FRACS

Start	Ena	Hrs Activity Description	
06:00	06:00	24.0 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 360'. EST CEMENT TOP @ 570'.	
		RD SCHI LIMBERGER	

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: U-08512-A-ST
SUNDF	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe gged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 641-13E		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047500580000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	ıl, UT, 84078 435 781-	PHONE NUMBER: 9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0990 FNL 1184 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 13	P, RANGE, MERIDIAN: Township: 10.0S Range: 22.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REPORT,	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
_	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	□ VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date: 5/28/2009		<u> </u>	
		OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all p as occurred since last submi	ssion on 5/20/2009.	
			Accepted by the Utah Division of
			il, Gas and Mining
			•
		FUI	R RECORD ONLY
			·
NAME (DI EACE DOTAT)	DUONE NUMBE	R TITLE	
NAME (PLEASE PRINT) Kaylene Gardner	PHONE NUMBE 435 781-9111	Regulatory Administrator	
SIGNATURE N/A		DATE 5/28/2009	

					EODU O
	STATE OF UTAH				FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI				E DESIGNATION AND SERIAL NUMBER: 12-A-ST
SUNDF	RY NOTICES AND REPORTS	ON	WELLS	6. IF II	NDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. l				or CA AGREEMENT NAME: RAL BUTTES
1. TYPE OF WELL Gas Well					L NAME and NUMBER: 41-13E
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: '500580000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-91		IONE NUMBER: t		D and POOL or WILDCAT: RAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0990 FNL 1184 FEL				COUNT	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 13	IP, RANGE, MERIDIAN: Township: 10.0S Range: 22.0E Meridian:		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NA	TURE OF NOTICE, REPO	RT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE	☐ AL	TER CASING		CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	□ сн	ANGE TUBING		CHANGE WELL NAME
Approximate date work will start: SUBSEQUENT REPORT	CHANGE WELL STATUS	□ со	DMMINGLE PRODUCING FORMATIO	ons _	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FR	RACTURE TREAT		NEW CONSTRUCTION
	OPERATOR CHANGE	☐ PL	UG AND ABANDON		PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RE	CLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SII	DETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR	U VE	ENT OR FLARE		WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ sɪ	TA STATUS EXTENSION		APD EXTENSION
6/4/2009	☐ WILDCAT WELL DETERMINATION	□ от	THER	ОТН	ER:
12. DESCRIBE PROPOSED OR CO	 DMPLETED OPERATIONS. Clearly show all pe	ertinent o	details including dates, dept	hs, volumes,	etc.
	ations are scheduled to begin			.,	
	-				oted by the
					Division of
					and Mining
			FC	JR RI	ECORP ONLY
					June 01, 2009
NAME (PLEASE PRINT) Kaylene Gardner	PHONE NUMBER 435 781-9111		TITLE Regulatory Administrator		
SIGNATURE			DATE		
N/A			6/4/2009		

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-08512-A-ST			
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deeper igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 641-13E			
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047500580000			
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-9	PHONE NUMBER: 111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0990 FNL 1184 FEL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 13	IP, RANGE, MERIDIAN: Township: 10.0S Range: 22.0E Meridian:	S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	☐ ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
Approximate date work will start.	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL			
✓ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
Report Date: 6/11/2009	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:			
12 DESCRIPE PROPOSED OF SO	MPLETED OPERATIONS. Clearly show all pe					
	ations are scheduled to begin	on or about 6/12/2009.	Accepted by the Jtah Division of I, Gas and Mining			
			R RECORD ONLY			
			June 11, 20 0 9			
NAME (PLEASE PRINT)	PHONE NUMBER					
Kaylene Gardner	435 781-9111	Regulatory Administrator				
SIGNATURE N/A		DATE 6/11/2009				

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: U-08512-A-ST
SUNDR	Y NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	als to drill new wells, significantly deepo gged wells, or to drill horizontal laterals		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 641-13E		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047500580000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	I, UT, 84078 435 781-	PHONE NUMBER: 9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0990 FNL 1184 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHII Qtr/Qtr: NENE Section: 13	P, RANGE, MERIDIAN: Fownship: 10.0S Range: 22.0E Meridian	: S	STATE: UTAH
11. CHEC	CK APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATION	NS CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
6/18/2009	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Completion operatio	MPLETED OPERATIONS. Clearly show all p ns for the referenced well be see the attached well chron	egan on 6/10/2009 . Pleas ology.	
NAME (PLEASE PRINT)			
Mickenzie Thacker	PHONE NUMBI 435 781-9145	ER TITLE Operations Clerk	

WELL CHRONOLOGY REPORT

Report Generated On: 06-18-2009

Well Name	NBU 641-13E	Well Type	DEVG	Division	DENVER		
Field	NATURAL BUTTES UNIT	API#	43-047-50058	Well Class	COMP		
County, State	UINTAH, UT	Spud Date	04-14-2009	Class Date			
Tax Credit	N	TVD / MD	7,125/7,125	Property #	062348		
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	7,124/ 7,124		
KB / GL Elev	5,300/ 5,288						
Location	Section 13, T10S, R22E, NENE, 990 FNL & 1184 FEL						

DRILL & COMPLETE

			. r				
Operator	EOG RESOURC	CES, INC WI	% 66.6	67	NRI %	48.0	162
AFE No	306020	AF	E Total	1,275,135	DHC/C	CWC 5	567,835/707,300
Rig Contr	ELENBURG	Rig Name	ELENBURG #28	Start Date	08-19-2008	Release Date	e 04–18–2009
08-15-2008	Reported By	SHEIL	A MALLOY				
DailyCosts: Di	rilling \$0		Completion	\$0	Dail	y Total \$	60
Cum Costs: Da	rilling \$0		Completion	\$0	Well	Total \$	60
MD	0 TVD	0 Pr	ogress 0	Days	0 MW	0.0	Visc 0.0
Formation:		PBTD : 0.0		Perf:		PKR Depth	: 0.0

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

990' FNL & 1184' FEL (NE/NE) SECTION 13, T10S, R22E UINTAH COUNTY, UTAH

LAT 39.953500, LONG 109.382428 (NAD 27) LAT 39.953467, LONG 109.383108 (NAD 83)

Description

ELENBURG #28

OBJECTIVE: 7125' TD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-08512-A

ELEVATION: 5296.9' NAT GL, 5288.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5288'), 5301' KB (12')

(13')

EOG WI 66.67%, NRI 48.061643%

03–23–2009 Reported By TERRY CSERE

RECEIVED June 18, 2009

DailyCosts: Drilling	\$80,000	Completion	\$0		Daily Total	\$80,000	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.	_	Perf:		PKR 1	Depth : 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Desc	ription					
06:00 06:00	24.0 START LOCAT	ION TODAY 3/23/09.					
03-24-2009 Re	eported By TE	ERRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.	0	Perf:		PKR 1	Depth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Desc	ription					
06:00 06:00	24.0 ROCKED OUT	DRILLING ROCK.					
03-25-2009 Re	eported By TE	ERRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.	0	Perf:		PKR 1	Depth : 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Desc	ription					
06:00 06:00	24.0 ROCKED OUT	DRILLING ROCK.					
03-26-2009 Re	eported By TE	ERRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.	0	Perf:		PKR 1	Depth : 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Desc	ription					
06:00 06:00	24.0 DRILLING RO	CK.					
03-27-2009 Re	eported By TE	ERRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0	0	Perf:		PKR 1	Depth : 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Desc	ription					
06:00 06:00	24.0 DRILLING RO	CK. WILL SHOOT WED	NESDAY.				
03-30-2009 Re	eported By TE	ERRY CSERE					

DailyCosts: Drilling	\$0	Completion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0 Progr	ress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: LOCATION BUILD							
Start End	Hrs Activity Description							
06:00 06:00	24.0 SHOOT WEDNESDAY	•						
03-31-2009 Re	eported By TERRY C	SERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0 Progr	ress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Description							
06:00 06:00	24.0 SHOOT TOMORROW.							
04-01-2009 R	eported By TERRY C	SERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0 Progr	ress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Description							
06:00 06:00	24.0 SHOOTING TODAY.							
04-02-2009 Re	eported By TERRY C	SERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0 Progr	ress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCATION							
Start End	Hrs Activity Description							
06:00 06:00	24.0 PUSHING OUT PIT &	LOCATION.						
04-03-2009 Re	eported By TERRY C	SERE/KENT DEV	ENPORT					
DailyCosts: Drilling	\$0	Completion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 60	TVD 60 Prog	ress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Ti	me: BUILD LOCATION/SPUD N	OTIFICATION						
Start End	Hrs Activity Description							
	24.0 STARTING CLOSED L		RAIGS ROUS	TAROUT S	EDVICE SDUD	A 20" HO	I E ON 4/4/09 @	@ 09:00
06:00 06:00		COI DIDIEM. C	ICHOS ROOS	IADOULS	ERVICE SI OD	7 A 20 110	LL OI +/+/07	07.00

04-06-2009 Reported By TERRY CSERE Completion **Daily Total** \$0 DailyCosts: Drilling \$0 \$80,000 **Well Total** \$80,000 **Cum Costs: Drilling** Completion \$0 0.0 MD 60 **TVD** 60 **Progress** Days MW0.0 Visc **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: LOCATION BUILD Start **Activity Description** End Hrs 06:00 06:00 24.0 LOCATION COMPLETE. 04-13-2009 PETE COMEAU Reported By DailyCosts: Drilling \$201,306 Completion \$0 **Daily Total** \$201,306 **Cum Costs: Drilling** \$281,306 Completion \$0 Well Total \$281,306 MD 60 **TVD** 60 MW0.0 Visc 0.0 **Progress Days** PKR Depth: 0.0 **Formation: PBTD**: 0.0 Perf:

Activity at Report Time: COMPLETING TOP JOBS

Start End Hrs **Activity Description**

06:00 06:00 24.0 MIRU CRAIG'S AIR RIG #2 ON 4/9/2009. DRILLED 12-1/4" HOLE TO 2250' GL (2263' KB). ENCOUNTERED WATER AT 1060'. FLUID DRILLED HOLE FROM 1060' WITH NO RETURNS STARTING AT 1370.

> RAN 51 JTS (2236.00') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2249' KB. DID NOT RUN 1" PIPE, RDMO AIR RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG.

PUMPED 160 BBLS WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 400 SX (84 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/169.4 BBLS FRESH WATER. BUMPED PLUG W/800 PSI @ 10:17 AM, 4/13/2009. CHECKED FLOAT, FLOAT HELD, SHUT-IN CASING VALVE, NO RETURNS.

TOP JOB #1: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HRS.

TOP JOB #2: MIXED AND PUMPED 150 SX (32 BBLS) OF PREMIUM CEMENT W/2% CACL2, MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HOURS.

TOP JOB #3: MIX 100 SX (21 BBL'S) OF PREMIUM CEMENT W/ 2% CACL. MIXED CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX, WELL RETURNED FLUID AT 11 BBL'S AWAY AND STOOD FULL.

PREPARING LOCATION FOR ROTARY RIG WHILE TOPPING OUT CEMENT.

ELENBURG 28 WILL MOVE ONTO LOCATION IMMEDIATELY AFTER CRAIGS RIG #2 DEPARTS.

CRAIGS RIG 2 TOOK SURVEYS WHILE DRILLING HOLE @ 1360' = 0.75 DEGREE & 2230' = 2.5 DEGREE.

KENT DEVENPORT NOTIFIED BLM VIA ELECTRONIC FORM W/ BLM OF THE SURFACE CASING & CEMENT JOB ON 4/10/2009 @ 10:00 AM.

MATT WILLIAMS 04-14-2009 Reported By

DailyCosts: Drilling \$43,143 **Daily Total** Completion \$43,143 Well Name: NBU 641–13E Field: NATURAL BUTTES UNIT Property: 062348

Cum Costs: Drilling \$324,449 Completion \$0 Well Total \$324,449

 $\mathbf{MD} \qquad \qquad 2{,}263 \qquad \mathbf{TVD} \qquad \qquad 2{,}263 \qquad \mathbf{Progress} \qquad \qquad 0 \qquad \mathbf{Days} \qquad \qquad 0 \qquad \mathbf{MW} \qquad \qquad 0.0 \qquad \mathbf{Visc} \qquad \qquad 0.0$

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: R/D PREPARE FOR RIG MOVE.

Start End Hrs Activity Description

06:00 06:00 24.0 RIG DOWN AND PREPARE FOR RIG MOVE.

ACCIDENTS NONE REPORTED.

SAFETY MEETING: RIG MAINTENANCE.

CREWS FULL.

FUEL ON HAND: 400 GALS TRANSFERRED FROM NBU 642-13E

04-15-2009	Re	eported By	M	ATT WILLIAM	IS/JESSE T	AMAN					
DailyCosts: D	Prilling	\$71,890		Con	npletion	\$0		Daily	Total	\$71,890	
Cum Costs: I	Prilling	\$396,339		Con	npletion	\$0		Well	Total	\$396,339	
MD	3,354	TVD	3,354	Progress	1,105	Days	1	MW	0.0	Visc	0.0
Formation:		PB	TD : 0.	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING 3354'

Start	End	Hrs Activity Description
06:00	07:00	1.0 CONTINUE TO RIG DOWN FOR RIG MOVE TO NBU 641–13E
07:00	11:00	4.0 SAFETY MEETING W/ HOWCROFT & RIG HANDS. MOVE & RIG UP ON NEW LOCATION NBU 641–13E, .5 MILES. SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP, CONTINUE RIGING UP.
		INSTALL NIGHT CAP ON NBU 642–13E W/ FMC.
11:00	14:00	3.0 NIPPLE UP BOP, FLAIR LINES, FUNCTION TEST BOP. RIG ON DAY WORK @ 11:00 HRS, 04/14/09
14:00	17:30	3.5 TEST BOP AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, LOWER KELLY, FLOOR VALVE & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH. TESTED ANNULAR 250 PSI LOW & 2500 PSI HIGH.
17:30	18:00	0.5 INSTALL WEAR BUSHING.
18:00	19:30	1.5 PICK UP DRILL STRING TAG CEMENT @ 2171'.
19:30	20:30	1.0 DRILL CEMENT, FLOAT & SHOE F/2171' – 2273'.
20:30	21:00	0.5 RUN FIT TEST @2249' WITH 9.1 PPG MUD & 170 PSI = 10.1 PPG EMW.
21:00	21:30	0.5 SURVEY @ 2221' = 1 DEG.
21:30	05:00	7.5 DRILL ROTATE 2259' – 3263', 10–18K WOB, 55/68, 120 SPM, 409 GPM, 150–300 PSI DIFF, 133 FPH.
05:00	05:30	0.5 SURVEY @ 3263' – 1.5 DEG.
05:30	06:00	$0.5\ \ DRILL\ ROTATE\ 3263' - 3354', 10 - 18K\ WOB, 55/68, 120\ SPM, 409\ GPM, 150 - 300\ PSI\ DIFF, 182\ FPH.$

SAFETY MEETING ON MOVING RIG & PRESSURE TESTING BOP.

WEATHER IS CLEAR & TEMP IS 40 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 3739 GAL.

FORMATION MAHOGAN.

MUD WT 9.1 PPG & 34 VIS.

06:00 SPUD A 7 7/8" HOLE WITH ROTARY TOOL @ 20:30 HRS, 4/14/ 09.

04–16–2009 Reported By JESSE TAMAN

=	ts: Drilling		1,009		mpletion	\$0			lly Total	\$121,009	
Cum Cos	ts: Drilling	\$51	7,348	Cor	npletion	\$0		We	ll Total	\$517,348	
MD	5,759	TVD	5,759	Progress	2,405	Days	2	MW	10.5	Visc	36.0
Formatio	n:		PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: DRILL	ING @ 5759'								
Start	End	Hrs A	ctivity Descr	ription							
06:00	09:30	3.5 D	RILL ROTATI	E 3354' – 3890	', 14–20K	WOB, 55/68	, 120 SPM, 4	09 GPM, 150	0-300 PSI DIF	F, 153 FPH.	
		N	IUD WT 10.0 I	PPG & 36 VIS.							
09:30	10:00	0.5 S	URVEY 2822'	= 2.75 DEG.							
		S	ERVICE RIG.								
10:00	06:00	20.0 D	RILL ROTATE	E 3890' – 5759	', 14–20K	WOB, 55/68.	, 120 SPM, 4	09 GPM, 150	0–300 PSI DIF	F, 93 FPH.	
		Q	AFETY MEET	TING ON MAK	ZING CON	NECTION &	TEAM WC	ND IV			
			VEATHER IS C				c TEAM WC	KK.			
			ULL CREWS			20.					
			OM OK.								
		F	UEL 2463 GA	L.							
		F	ORMATION E	BUCK CANYO	N.						
		N	MUD WT 10.5 I	PPG & 36 VIS.							
04-17-20	09 Re	eported By	JES	SSE TAMAN							
DailyCos	ts: Drilling	\$37	,358	Cor	npletion	\$0		Dai	ily Total	\$37,358	
Cum Cos	ts: Drilling	\$55	4,706	Cor	npletion	\$0		We	ll Total	\$554,706	
MD	7,125	TVD	7,125	Progress	1,366	Days	3	MW	11.0	Visc	38.0
Formatio	n:		PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity a	t Report Ti	me: SHORT	ΓTRIP								
Start	End	Hrs A	ctivity Desci	ription							
06:00	12:30	6.5 D	RILL ROTATE	E 5759' – 6253	', 14–22K	WOB, 55/68	, 120 SPM, 4	09 GPM, 150	0–300 PSI DIF	F, 76 FPH.	
12:30	13:00	0.5 S	ERVICE RIG.								
13:00	04:45		RILL ROTATE 04:45 HRS, 0		', 14–22K	WOB, 55/68.	, 120 SPM, 4	09 GPM, 150	0–300 PSI DIF	F, 55 FPH. REA	CHED TD
04:45	05:30	0.75 C	IRCULATE FO	OR SHORT TR	RIP.						
05:30	06:00	0.5 W	VIPER TRIP, S	HORT TRIP 20) JOINTS.						
		S	AFETY MEET	TING ON OPE	RATING F	ORKLIFT &	TRIP HAZ	ARDS.			
		W	VEATHER IS F	PARTLY CLOU	JDY & TEN	MP IS 38 DE	G.				
		F	ULL CREWS	& NO ACCIDE	ENTS.						
		C	OM OK.								

04-18-2009	Reported By	JESSE TAMAN			
DailyCosts: Dril	ling \$23,839	Completion	\$4,224	Daily Total \$28,063	
Cum Costs: Dril	ling \$578,546	Completion	\$4,224	Well Total \$582,770	

FUEL 1318 GAL.

Cum Costs: Drilling

FORMATION PRICE RIVER. MUD WT 11.0 PPG & 38 VIS.

Page 6

35.0 MD 7,125 TVD 7,125 MW10.9 **Progress** Days Visc **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: CIRCULATING FOR CEMENT

Start	End	Hrs	Activity Description
06:00	07:30	1.5	WIPER TRIP, SHORT TRIP 20 STANDS.
07:30	09:00	1.5	CIRCULATE FOR LAYING DOWN DRILL STRING.
09:00	19:00	10.0	LAYDOWN DRILL STRING & WORK TIGHT HOLE F/5100' – 2400'.
19:00	21:00	2.0	RIG UP CASING CREW & HOLD SAFETY MEETING RUNNING CASING.
21:00	06:00	9.0	RAN 176 TOTAL JOINTS (176 FULL JOINTS + 2 MARKER JOINTS & 1 PUP JOINT) OF 4.5", 11.6#,

HCP-110, LT&C CASING AS FOLLOWS: 1 WEATHERFORD FLOAT SHOE SET @ 7124', 1 JOINT OF CASING, 1 WEATHERFORD FLOAT COLLAR SET @ 7082', 28 JOINTS OF CASING,1-21' MARKER JOINT SET @ 5947' -5967', 32 JOINTS OF CASING, 1-22' PUP JOINT SET @ 4649' - 4670', 24 JOINTS OF CASING & 1-11' MARKER JOINT SET @ 3658' - 3669', 91 JOINTS OF CASING & 1 CASING HANGER ASSEMBLY. RUN 15 TOTAL CENTRALIZERS AS FOLLOWS, 5' ABOVE SHOE ON JOINT #1 & ON TOP OF JOINT #2, THEN EVERY 2ND JOINT TO JOINT #28 @ 5813'. CONFIRMED TD WITH CASING, TAGGING AT 7125' WITH JOINT #177. SET CASING IN MANDREL HANGER WITH FULL STRING WEIGHT. (64,000# WITHOUT BLOCK WEIGHT).

SAFETY MEETING ON LAYING DOWN DRILL STRING & RUNNING CASING.

WEATHER IS PARTLY CLOUDY & TEMP IS 36 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 782 GAL.

FORMATION PRICE RIVER.

MUD WT 11.0 PPG & 38 VIS.

04-19-2009	Re	ported By	JE	ESSE TAMAN							
DailyCosts:	Drilling	\$50,	199	Com	pletion	\$139,617		Daily	Total	\$189,816	
Cum Costs:	Drilling	\$628	3,745	Com	pletion	\$143,841		Well	Total	\$772,586	
MD	7,125	TVD	7,125	Progress	0	Days	5	MW	0.0	Visc	0.0
Formation:			PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	08:00	2.0	CIRCULATE FOR CEMENT.

HOLD SAFETY MEETING ON CEMENTING.

08:00 10:00 2.0 RIGGED UP CEMENT HEAD, PRESSURE TESTED LINES TO 4000 PSI & CEMENT 4 1/2" PRODUCTION CASING AS FOLLOWS: PUMPED 10 BBLS FRESH WATER, PUMPED 20 BBLS MUD FLUSH SPACER. PUMPED 10 BBLS FRESH WATER, PUMPED 380 SACKS (121.3 BBLS) OF HIGHBOND 75 PREMIUM – CLASS G CEMENT WITH 2% BENTONITE, 2 MICROBOND, .3% VERSASET @ 12.00 PPG, 1.837 CFPS, 9.863 GPS FRESH WATER. PUMPED LEAD CEMENT @ 4 BPM & 675 PSI. PUMPED 920 SACKS (238.8 BBLS) EXTENDACEM (TM) SYSTEM PREMIUM - CLASS G CEMENT WITH .125 LBM/SK POLY-E-FLAKE (LOST CIRCULATION ADDITIVE), 2% BENTONITE, .75% HALAD (R)-322, 3% POTASSIUM CHLORIDE- KCL, 3 LBM SILICATE - COMPACTED, .2% WG-17, 13.50 PPG, 1.47 CFPS, 6.98 GPS FRESH WATER. PUMPED TAIL CEMENT @ 6 BPM & 300 PSI. DISPLACED WITH TOTAL OF 110 BBLS FRESH WATER. FIRST 60 BBLS DISPLACEMENT @ 6.5 BPM & 800-2200 PSI, PUMPED 2ND 10 BBLS DISPLACEMENT @ 4 BPM & 2100 PSI, 10 BBLS SHY OF BUMPING PLUG, REDUCED DISPLACEMENT RATE TO 2 BPM & 2050 PSI. BUMPED PLUG WITH 3100 PSI @ 10:00 HOURS, CHECKED FLOATS & FLOATS HELD. FULL RETURNS. (10 BBLS CEMENT TO SURFACE).

10:00 11:00 1.0 RIG DOWN CEMENTERS.

12:30	12:30	1.5 BA	ACK OUT L	ANDING JOI	NT, SET PAC	KOFF & TEST	TO 5000 I	PSI FOR 15 I	MIN.		
	16:00			& RIG DOW	N.						
16:00	06:00	14.0 RI	G DOWN.								
		SA	AFETY MEE	TING ON RU	JNNING CAS	SING & CEMEN	ITING.				
		FU	JLL CREWS	& NO ACCI	DENTS.						
		CC	OM OK.								
		TF	RANSFER 3	50 GAL OF D	DIESEL FUEL	@ \$2.03/GAL					
		TF	RANSFER 5	JOINTS 203.	59' OF 4.5" P	–110, 11.6#, LTC	C CASINO	G TO CWU 7	743–2		
					O CWU 743-						
		TF	RUCKS SCH	EDULED FO	OR 04/19/2009	'.					
06:00		RI	ELEASED R	IG @ 16:00 H	HRS, 04/18/20	09.					
		CA	ASING POIN	NT COST \$59	9,893						
04-29-2009	Re	eported By	S	EARLE							
DailyCosts:	Drilling	\$0		C	completion	\$37,300		Dail	y Total	\$37,300	
Cum Costs:	Drilling	\$628	3,745	C	completion	\$181,141		Well	l Total	\$809,886	
MD	7,125	TVD	7,125	Progress	0	Days	6	MW	0.0	Visc	0.0
Formation :			PBTD:	- U		Perf:			PKR De	pth: 0.0	
Activity at F	Report Ti	me: PREP F	OR FRACS						•	•	
Start I	End	Hrs A	ctivity Desc	cription							
06:00	06:00				LOG WITH R	RST/CBL/CCL/V	DL/GR F	ROM PBTD	TO 360'. EST	CEMENT TO	P @ 570'.
		RI	SCHLUMI	BERGER.	LOG WITH R	RST/CBL/CCL/V	/DL/GR F	ROM PBTD	TO 360'. EST	CEMENT TOI	P @ 570'.
06-10-2009	Re	RI eported By	SCHLUMI	BERGER. EARLE			DL/GR F				P @ 570'.
06–10–2009 DailyCosts:	Re Drilling	RI	SCHLUMI	BERGER. EARLE	Completion	\$650	DL/GR F	Dail	y Total	\$650	? @ 570'.
06–10–2009 DailyCosts: Cum Costs:	Re Drilling	RI eported By	SCHLUMI S.	BERGER. EARLE		\$650 \$181,791	/DL/GR F	Dail			? @ 570'.
06–10–2009 DailyCosts: Cum Costs:	Re Drilling Drilling 7,125	eported By	O SCHLUMI S	BERGER. EARLE	Completion Completion	\$650	/DL/GR F	Dail	y Total I Total 0.0	\$650 \$810,536 Visc	? @ 570'. 0.0
06–10–2009 DailyCosts: Cum Costs: MD Formation:	Drilling Drilling 7,125	RI eported By \$0 \$628 TVD	S.745 7,125 PBTD : 7	BERGER. EARLE C Progress 7083.0	Completion Completion	\$650 \$181,791		Dail _j Well	y Total I Total	\$650 \$810,536 Visc	
06–10–2009 DailyCosts: Cum Costs: MD Formation:	Drilling Drilling 7,125	RI eported By \$0 \$628 TVD	S.745 7,125 PBTD : 7	BERGER. EARLE C Progress 7083.0	Completion Completion	\$650 \$181,791 Days		Dail _j Well	y Total I Total 0.0	\$650 \$810,536 Visc	
06–10–2009 DailyCosts: Cum Costs: MD Formation: Activity at F	Drilling Drilling 7,125 Report Tin	RI eported By \$0 \$628 TVD me: PREP F	S.745 7,125 PBTD : 7	BERGER. EARLE O Progress 7083.0 ETION	Completion Completion	\$650 \$181,791 Days		Dail _j Well	y Total I Total 0.0	\$650 \$810,536 Visc	
06–10–2009 DailyCosts: Cum Costs: MD Formation: Activity at F	Drilling Drilling 7,125 Report Tin End 06:00	RI eported By \$0 \$628 TVD me: PREP F Hrs Ac 24.0 PR	S.745 7,125 PBTD: 7	BERGER. EARLE C Progress 7083.0 ETION cription	Completion Completion	\$650 \$181,791 Days Perf :		Dail _j Well	y Total I Total 0.0	\$650 \$810,536 Visc	
06–10–2009 DailyCosts: Cum Costs: MD Formation: Activity at F Start I	Drilling Drilling 7,125 Report Tin End 06:00	RI eported By \$0 \$628 TVD me: PREP F Hrs Ac 24.0 PR eported By	SCHLUMI S 7,125 PBTD: 7 OR COMPL ctivity Desc	BERGER. EARLE C Progress 7083.0 ETION cription	Completion Completion O	\$650 \$181,791 Days Perf :		Dail _j Well	y Total I Total 0.0	\$650 \$810,536 Visc pth: 0.0	
06–10–2009 DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 06–11–2009	Drilling Drilling 7,125 Report Tir	PRIPER PREP FOR Some 24.0 PREPORTED By \$0	SCHLUMI S.,745 7,125 PBTD: 7 OR COMPL etivity Description	BERGER. EARLE O Progress 7083.0 ETION cription EST CASING	Completion Completion O	\$650 \$181,791 Days Perf :		Dail Well MW	y Total I Total 0.0	\$650 \$810,536 Visc	
06–10–2009 DailyCosts: Cum Costs: MD Formation: Activity at F Start 1 06:00 06–11–2009 DailyCosts:	Drilling Drilling 7,125 Report Tin End 06:00 Re Drilling	RI eported By \$0 \$628 TVD me: PREP F Hrs Ac 24.0 PR eported By	SCHLUMI S.,745 7,125 PBTD: 7 OR COMPL etivity Description	BERGER. EARLE O Progress 7083.0 ETION cription EST CASING	Completion Completion 0 TO 6500 PSI	\$650 \$181,791 Days Perf:		Dail Well MW	y Total I Total 0.0 PKR De	\$650 \$810,536 Visc pth: 0.0	
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 06-11-2009 DailyCosts: Cum Costs:	Drilling Drilling 7,125 Report Tin End 06:00 Re Drilling	PRIPER PREP FOR Some 24.0 PREPORTED By \$0	SCHLUMI S.,745 7,125 PBTD: 7 OR COMPL etivity Description	BERGER. EARLE O Progress 7083.0 ETION cription EST CASING	Completion O TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf:		Dail Well MW	y Total I Total 0.0 PKR Dej	\$650 \$810,536 Visc pth: 0.0	
06–10–2009 DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 06–11–2009 DailyCosts: Cum Costs: MD Formation:	Drilling 7,125 Report Tin End 06:00 Drilling Drilling 7,125	RI eported By \$0 \$628 TVD me: PREP F 4.0 PR eported By \$0 \$628 TVD	SCHLUMI S. 7,125 PBTD: 7 OR COMPL ctivity Desc RESSURE TI M	BERGER. EARLE O Progress 7083.0 ETION Cription EST CASING ICCURDY O Progress	Completion O TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf: G.	7	Dail Well MW Dail Well	y Total O.O PKR De y Total	\$650 \$810,536 Visc pth : 0.0	0.0
Daily Costs: Cum Costs: MD Formation: Activity at F Start I 06:00 06-11-2009 Daily Costs: Cum Costs: MD Formation: WASATCH	Drilling 7,125 Report Tin End 06:00 Drilling Drilling 7,125 MESAVE	### RI ### \$0 ### \$628 ### TVD ### PREP F ### A0 ### 24.0 PR ### PROTECT BY ### \$0 ### \$628 ### TVD ### RDE /	SCHLUMI S 7,125 PBTD: 7 OR COMPL ctivity Desc RESSURE TI M 7,125 7,125	BERGER. EARLE O Progress 7083.0 ETION Cription EST CASING ICCURDY O Progress	Completion O TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf: G. \$668 \$182,459 Days	7	Dail Well MW Dail Well	y Total O.0 PKR Dep y Total I Total 0.0	\$650 \$810,536 Visc pth : 0.0	0.0
06–10–2009 Daily Costs: Cum Costs: MD Formation: Activity at F Start I 06:00 06–11–2009 Daily Costs: Cum Costs: MD Formation: WASATCH Activity at F	Drilling 7,125 Report Tin End 06:00 Drilling Drilling 7,125 MESAVE	RI eported By \$0 \$628 TVD me: PREP For the 24.0 PR eported By \$0 \$628 TVD RDE / me: FRAC	SCHLUMI S 7,125 PBTD: 7 OR COMPL ctivity Desc RESSURE TI M 7,125 7,125	BERGER. EARLE O Progress 7083.0 ETION Cription EST CASING ICCURDY O Progress 7083.0	Completion O TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf: G. \$668 \$182,459 Days	7	Dail Well MW Dail Well	y Total O.0 PKR Dep y Total I Total 0.0	\$650 \$810,536 Visc pth : 0.0	0.0
06–10–2009 Daily Costs: Cum Costs: MD Formation: Activity at F Start I 06:00 06–11–2009 Daily Costs: Cum Costs: MD Formation: WASATCH Activity at F	Prilling 7,125 Report Tin End 06:00 Prilling Drilling 7,125 MESAVE Report Tin	## RI ## PREP F ## P	SCHLUMI S. 7,125 PBTD: 7 OR COMPL ctivity Desc RESSURE TI M 7,125 PBTD: 7 ctivity Desc UCUTTERS 05'-06', 695	BERGER. EARLE O Progress 7083.0 ETION EST CASING ICCURDY O Progress 7083.0 cription WIRELINE 54'-55', 6964	Completion O TO 6500 PSI Completion O Example tion O Example tion O Example tion O	\$650 \$181,791 Days Perf: G. \$668 \$182,459 Days	7 8 -7013' 6735'-36' 7012'-13	Dail Well MW Dail Well MW	y Total 0.0 PKR Dep y Total 1 Total 0.0 PKR Dep 6782'-83', 68	\$650 \$810,536 Visc pth: 0.0 \$668 \$811,204 Visc pth: 0.0	0.0

DailyCosts: Drilling \$		\$0	\$0 Comple		npletion	\$158,632		Daily	Total	\$158,632	
Cum Costs: Drilling		\$62	28,745	Completion		\$341,091		Well	Total	\$969,837	
MD	7,125	TVD	7,125	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE /	PBTD : 7	083.0		Perf : 4962	2'-7013'		PKR Der	oth: 0.0	

WASATCH

Activity at Report Time: PREP TO MIRUSU

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 310 PSIG. RU HALLIBURTON, FRAC DOWN CASING W/8460 GAL 16# LINEAR W/11100# 20/40 SAND @ 1-
			1.5 PPG, 35041 GAL 16# DELTA 140 W/116200# 20/40 SAND @ 2-4 PPG. MTP 5821 PSIG. MTR 51.2 BPM. ATP 4522

PSIG. MTR 53 BPM. ATP 3838 PSIG. ATR 50 BPM. ISIP 2191 PSIG. RD HALLIBURTON.

PSIG. ATR 47.2 BPM. ISIP 2415 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6655'. PERFORATE UPR FROM 6442'-44', 6452'-53', 6461'-62', 6485'-86', 6499'-501', 6510'-11', 6532'-33', 6608'-09', 6614'-15', 6619'-20' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106. 8405 GAL 16# LINEAR W/11050# 20/40 SAND @ 1-1.5 PPG, 23296 GAL 16# DELTA 140 W/74250# 20/40 SAND @ 2-4 PPG. MTP 5141

RUWL. SET 6K CFP AT 6420'. PERFORATE U[PR/ NORTH HORN FROM 6192'-93', 6202'-03', 6208'-09', 6235'-36', 6256'-58', 6284'-85', 6296'-97', 6367'-68', 6372'-73', 6396'-97', 6403'-04' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106, 8262 GAL 16# LINEAR W/10900# 20/40 SAND @ 1-1.5 PPG, 25662 GAL 16# DELTA 140 W/84100# 20/40 SAND @ 2-4 PPG. MTP 5384 PSIG. MTR 50.9 BPM. ATP 3881 PSIG. ATR 49.6 BPM. ISIP 2129 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6060'. PERFORATE Ba/ NORTH HORN FROM 5602'-03', 5672'-73', 5690'-91', 5779'-80', 5832'-33', 5863'-64', 5887'-88', 5922'-23', 5937'-38', 5991'-92', 6005'-06', 6031'-32' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106, 12634 GAL 16# LINEAR W/16850# 20/40 SAND @ 1-1.5 PPG, 20032 GAL 16# DELTA 140 W/62850# 20/40 SAND @ 2-4 PPG. MTP 5832 PSIG. MTR 51.5 BPM. ATP 4055 PSIG. ATR 48.4 BPM. ISIP 2268 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5410'. PERFORATE Ba/ NORTH HORN FROM 5124'-26', 5136'-37', 5146'-47', 5183'-85', 5264'-65', 5276'-77', 5311'-12', 5318'-19', 5375'-77' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 14454 GAL 16# DELTA 140 W/48400# 20/40 SAND @ 3-4 PPG. MTP 5167 PSIG. MTR 50.7 BPM. ATP 3608 PSIG. ATR 48.3 BPM. ISIP 1558 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5080'. PERFORATE $C_{\rm a}$ FROM 4962'-67', 4981'-85', 5044'-47' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE GAL 16# LINEAR W/11500 GAL 16# DELTA 140 W/51500# 20/40 SAND @ 4 PPG. MTP 3215 PSIG. MTR 51.2 BPM. ATP 3069 PSIG. ATR 49.6 BPM. ISIP 1833 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 4882'. RDWL.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: U-08512-A-ST
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 641-13E
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047500580000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	ıl, UT, 84078 435 781-91	PHONE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0990 FNL 1184 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 13	P, RANGE, MERIDIAN: Township: 10.0S Range: 22.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
□ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
6/24/2009	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
The referenced we	MPLETED OPERATIONS. Clearly show all pertell was turned to sales on 6/24 summary report for drilling an performed on the subject w	1/2009. Please see the nd completion operations Avell. Oil	•
NAME (PLEASE PRINT) Mickenzie Thacker	PHONE NUMBER 435 781-9145	TITLE Operations Clerk	
SIGNATURE	133 /01 /113	DATE	
N/A		7/1/2009	

WELL CHRONOLOGY REPORT

Report Generated On: 07-01-2009

Well Name	NBU 641-13E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API#	43-047-50058	Well Class	1SA
County, State	UINTAH, UT	Spud Date	04-14-2009	Class Date	06-24-2009
Tax Credit	N	TVD / MD	7,125/7,125	Property #	062348
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0
KB / GL Elev	5,300/ 5,288				
Location	Section 13, T10S, R22E, NEN	IE, 990 FNL & 1184 F	EL		

Event No	1.0	Descript	ion DRILL & COMI	PLETE		
Operator	EOG RESOURO	CES, INC WI %	66.667	NRI %	48.062	
AFE No	306020	AFE To	otal 1,275,135	DHC / CW	C 567,835/707,300)
Rig Contr	ELENBURG	Rig Name El	LENBURG #28 Start Dat	e 08–19–2008	Release Date 04–18–20	09
08-15-2008	Reported By	SHEILA MA	LLOY			
DailyCosts: Da	rilling \$0		Completion \$0	Daily T	Cotal \$0	
Cum Costs: D	rilling \$0		Completion \$0	Well To	otal \$0	
MD	0 TVD	0 Progres	SS 0 Days	0 MW	0.0 Visc	0.0
Formation:		PBTD : 0.0	Perf:		PKR Depth: 0.0	

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

990' FNL & 1184' FEL (NE/NE) SECTION 13, T10S, R22E UINTAH COUNTY, UTAH

LAT 39.953500, LONG 109.382428 (NAD 27) LAT 39.953467, LONG 109.383108 (NAD 83)

ELENBURG #28

OBJECTIVE: 7125' TD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-08512-A

ELEVATION: 5296.9' NAT GL, 5288.4' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5288'), 5301' KB (12')

(13')

EOG WI 66.67%, NRI 48.061643%

03-23-2009 Reported By

TERRY CSERE

DailyCosts: Drilling	\$80,000	Completion	\$0 \$0		Daily T		\$80,000	
Cum Costs: Drilling	\$80,000	Completion		0	Well To		\$80,000	0.0
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD:		Perf:			PKR Dep	oth : 0.0	
Activity at Report Ti								
Start End	Hrs Activity Des	=						
06:00 06:00		ATION TODAY 3/23/09.						
	· F	TERRY CSERE	40				40	
DailyCosts: Drilling	\$0	Completion	\$0		Daily T		\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To		\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD:		Perf:			PKR Dep	oth: 0.0	
Activity at Report Ti	me: BUILD LOCATION	1						
Start End	Hrs Activity Des	_						
06:00 06:00	24.0 ROCKED OU	T. DRILLING ROCK.						
03-25-2009 Re	eported By	TERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily T	otal	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
n								
Formation :	PBTD:	0.0	Perf:			PKR Dep	oth: 0.0	
			Perf:			PKR De _l	pth: 0.0	
Activity at Report Ti		1	Perf:			PKR De _l	oth: 0.0	
Activity at Report Ti	me: BUILD LOCATION Hrs Activity Des	1	Perf:			PKR Dep	oth: 0.0	
Activity at Report Tin Start End 06:00 06:00	me: BUILD LOCATION Hrs Activity Des 24.0 ROCKED OU	scription	Perf:			PKR Dep	oth: 0.0	
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re	me: BUILD LOCATION Hrs Activity Des 24.0 ROCKED OU	c cription T. DRILLING ROCK.	Perf: \$0		Daily T		\$0	
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling	Hrs Activity Des 24.0 ROCKED OU eported By	SCRIPTION T. DRILLING ROCK. TERRY CSERE				Total		
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LOCATION Hrs Activity Des 24.0 ROCKED OU ported By \$0	ceription T. DRILLING ROCK. FERRY CSERE Completion	\$0	0	Daily T	Total	\$0	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re Daily Costs: Drilling Cum Costs: Drilling	Hrs Activity Des 24.0 ROCKED OU Ported By \$0 \$80,000	ccription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0	\$0 \$0	0	Daily T Well To MW	Cotal Otal	\$0 \$80,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Activity Des 24.0 ROCKED OU eported By 50 \$80,000 TVD 0 PBTD:	ceription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0	\$0 \$0 Days	0	Daily T Well To MW	Total otal 0.0	\$0 \$80,000 Visc	0.0
06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activity Des 24.0 ROCKED OU eported By 50 \$80,000 TVD 0 PBTD:	Scription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0	\$0 \$0 Days	0	Daily T Well To MW	Total otal 0.0	\$0 \$80,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin	Hrs Activity Des 24.0 ROCKED OU ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION	ceription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0	\$0 \$0 Days	0	Daily T Well To MW	Total otal 0.0	\$0 \$80,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	me: BUILD LOCATION Hrs Activity Des 24.0 ROCKED OU ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING RO	ceription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0	\$0 \$0 Days	0	Daily T Well To MW	Total otal 0.0	\$0 \$80,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re	me: BUILD LOCATION Hrs Activity Des 24.0 ROCKED OU Ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING RO	Completion Completion Completion Progress 0.00 Corrigion Cor	\$0 \$0 Days	0	Daily To Well To MW	Otal Otal 0.0 PKR Dep	\$0 \$80,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling	Hrs Activity Des 24.0 ROCKED OU ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING ROCKED OU	ceription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0 Ceription OCK. TERRY CSERE Completion	\$0 \$0 Days Perf :	0	Daily T Well To MW	Cotal 0.0 PKR Dep	\$0 \$80,000 Visc pth: 0.0	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling	me: BUILD LOCATION Hrs Activity Des 24.0 ROCKED OU ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING Res sported By \$0 \$80,000	Completion T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0.00 Veription OCK. TERRY CSERE Completion Completion Completion Completion	\$0 \$0 Days Perf :	0	Daily To Well To MW Daily To Well To	Cotal 0.0 PKR Dep	\$0 \$80,000 Visc pth: 0.0	0.0
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LOCATION Hrs Activity Des 24.0 ROCKED OU Ported By S0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING Res Ported By S0 \$80,000 TVD 0	ceription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0 Ceription OCK. TERRY CSERE Completion Completion Completion Completion Completion Completion	\$0 \$0 Days Perf:		Daily To Well To MW Daily To Well To MW	Cotal 0.0 PKR Dep Cotal 0.0	\$0 \$80,000 Visc pth : 0.0	
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Activity Des 24.0 ROCKED OU ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING ROCKED BY \$0 \$80,000 TVD 0 PBTD: PPTD: PPTD: PPTD: PPTD: PPTD: PPTD: PPTD: PPTD:	T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0.0 CERRY CSERE Completion COCK. TERRY CSERE Completion Completion Completion Completion Progress 0 0.0	\$0 \$0 Days Perf :		Daily To Well To MW Daily To Well To MW	otal 0.0 PKR Dep	\$0 \$80,000 Visc pth : 0.0	
Activity at Report Tin Start End 06:00 06:00 03-26-2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Activity at Report Tin	Hrs Activity Des 24.0 ROCKED OU Pported By S0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING Res Pported By S0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION	ceription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0 Ceription OCK. TERRY CSERE Completion Completion Completion OCK. TERRY CSERE 0 0.0	\$0 \$0 Days Perf:		Daily To Well To MW Daily To Well To MW	Cotal 0.0 PKR Dep Cotal 0.0	\$0 \$80,000 Visc pth : 0.0	
Activity at Report Tin Start End 06:00 06:00 03–26–2009 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03–27–2009 Re DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Activity Des 24.0 ROCKED OU Ported By \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION Hrs Activity Des 24.0 DRILLING ROCKED BY \$0 \$80,000 TVD 0 PBTD: me: BUILD LOCATION TVD 0 PBTD: me: BUILD LOCATION Activity Des PBTD: me: BUILD LOCATION PBTD: me: BUILD LOCATION Hrs Activity Des	ceription T. DRILLING ROCK. TERRY CSERE Completion Completion Progress 0 0.0 Ceription OCK. TERRY CSERE Completion Completion Completion OCK. TERRY CSERE 0 0.0	\$0 \$0 Days Perf : \$0 \$0 Days Perf :		Daily To Well To MW Daily To Well To MW	Cotal 0.0 PKR Dep Cotal 0.0	\$0 \$80,000 Visc pth : 0.0	

DailyCosts: Drilling	_	Completion	\$0 \$0		Daily T		\$0 \$80,000	
Cum Costs: Drillin MD 0	•	Completion		0	Well To	0.0		0.0
MD 0 Formation:	TVD 0 PBTD :	Progress 0	Days Perf :	0	MW	PKR De	Visc	0.0
	Γime: LOCATION BUIL		1611.			IKKDC	pui . 0.0	
Start End	Hrs Activity De							
06:00 06:00	24.0 SHOOT WE	=						
	Reported By	TERRY CSERE						
DailyCosts: Drilling	s \$0	Completion	\$0		Daily T	Total	\$0	
Cum Costs: Drillin	g \$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0	Perf:			PKR De	pth: 0.0	
Activity at Report	Г ime: BUILD LOCATIO	N						
Start End	Hrs Activity De	escription						
06:00 06:00	24.0 SHOOT TON	MORROW.						
04-01-2009	Reported By	TERRY CSERE						
DailyCosts: Drilling	s \$0	Completion	\$0		Daily T	Total	\$0	
Cum Costs: Drillin	g \$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0	Perf:			PKR De	pth: 0.0	
Activity at Report	Γime: BUILD LOCATIO	N						
Start End	Hrs Activity De	escription						
06:00 06:00	24.0 SHOOTING	TODAY.						
04-02-2009	Reported By	TERRY CSERE						
DailyCosts: Drilling	s \$0	Completion	\$0		Daily T	Total	\$0	
Cum Costs: Drillin	g \$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0	Perf:			PKR De	pth: 0.0	
Activity at Report	Time: BUILD LOCATIO	N						
Start End	Hrs Activity De	escription						
06:00 06:00	24.0 PUSHING O	OUT PIT & LOCATION.						
04-03-2009	Reported By	TERRY CSERE/KENT DE	VENPORT					
DailyCosts: Drilling	g \$0	Completion	\$0		Daily T	Total	\$0	
Cum Costs: Drillin	g \$80,000	Completion	\$0		Well To	otal	\$80,000	
MD 60	TVD 60	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0	Perf:			PKR De	pth: 0.0	
Activity at Report	Γime: BUILD LOCATIO	N/SPUD NOTIFICATION						
	Hrs Activity De	garintian						
Start End	ins Activity De	escription						

04-06-2009	Reported By	y T	ERRY CSERE							
DailyCosts: Dril	lling \$0		Con	npletion	\$0		Daily	Total	\$0	
Cum Costs: Dri	lling \$80	0,000	Con	npletion	\$0		Well '	Total	\$80,000	
MD	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD:	0.0		Perf:			PKR Dep	pth: 0.0	
Activity at Repo	ort Time: LOCA	TION BUILD	•							
Start End	Hrs A	Activity Des	cription							
06:00 06	:00 24.0 I	LOCATION C	OMPLETE.							
04-13-2009	Reported By	y P	ETE COMEAU							
DailyCosts: Dril	lling \$20	01,306	Con	npletion	\$0		Daily	Total	\$201,306	
Cum Costs: Dri	lling \$28	31,306	Con	npletion	\$0		Well '	Total	\$281,306	
MD	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:		PBTD:	0.0		Perf:			PKR De _l	pth: 0.0	
Activity at Repo	ort Time: COME	PLETING TO	P JOBS							

Start **Activity Description** End Hrs

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #2 ON 4/9/2009. DRILLED 12–1/4" HOLE TO 2250' GL (2263' KB). ENCOUNTERED WATER AT 1060'. FLUID DRILLED HOLE FROM 1060' WITH NO RETURNS STARTING AT 1370.

RAN 51 JTS (2236.00') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ $^\circ$ 2249' KB. DID NOT RUN 1" PIPE, RDMO AIR RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG.

PUMPED 160 BBLS WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 400 SX (84 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/169.4 BBLS FRESH WATER. BUMPED PLUG W/800 PSI @ 10:17 AM, 4/13/2009. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO RETURNS.

TOP JOB #1: MIXED & PUMPED 100 SX (21 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 4 HRS.

TOP JOB #2: MIXED AND PUMPED 150 SX (32 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HOURS.

TOP JOB #3: MIX 100 SX (21 BBL'S) OF PREMIUM CEMENT W/ 2% CACL. MIXED CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX. WELL RETURNED FLUID AT 11 BBL'S AWAY AND STOOD FULL.

PREPARING LOCATION FOR ROTARY RIG WHILE TOPPING OUT CEMENT.

ELENBURG 28 WILL MOVE ONTO LOCATION IMMEDIATELY AFTER CRAIGS RIG #2 DEPARTS.

CRAIGS RIG 2 TOOK SURVEYS WHILE DRILLING HOLE @ 1360' = 0.75 DEGREE & 2230' = 2.5 DEGREE.

KENT DEVENPORT NOTIFIED BLM VIA ELECTRONIC FORM W/ BLM OF THE SURFACE CASING & CEMENT JOB ON 4/10/2009 @ 10:00 AM.

MATT WILLIAMS 04-14-2009 Reported By DailyCosts: Drilling \$43,143 Completion **Daily Total** \$43,143 Well Name: NBU 641–13E Field: NATURAL BUTTES UNIT Property: 062348

Cum Costs: Drilling \$324,449 Completion \$0 Well Total \$324,449

 $\mathbf{MD} \qquad \qquad 2{,}263 \qquad \mathbf{TVD} \qquad \qquad 2{,}263 \qquad \mathbf{Progress} \qquad \qquad 0 \qquad \mathbf{Days} \qquad \qquad 0 \qquad \mathbf{MW} \qquad \qquad 0.0 \qquad \mathbf{Visc} \qquad \qquad 0.0$

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: R/D PREPARE FOR RIG MOVE.

Start End Hrs Activity Description

06:00 06:00 24.0 RIG DOWN AND PREPARE FOR RIG MOVE.

ACCIDENTS NONE REPORTED.

SAFETY MEETING: RIG MAINTENANCE.

CREWS FULL.

FUEL ON HAND: 400 GALS TRANSFERRED FROM NBU 642-13E

04-15-2009	Re	eported By	M	ATT WILLIAM	IS/JESSE T	AMAN					
DailyCosts: D	rilling	\$71,890)	Cor	npletion	\$0		Daily	Total	\$71,890	
Cum Costs: D	Prilling	\$396,33	19	Cor	npletion	\$0		Well '	Total	\$396,339	
MD	3,354	TVD	3,354	Progress	1,105	Days	1	MW	0.0	Visc	0.0
Formation:		I	PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING 3354'

Start	End	Hrs	Activity Description
06:00	07:00	1.0	CONTINUE TO RIG DOWN FOR RIG MOVE TO NBU 641–13E
07:00	11:00	4.0	SAFETY MEETING W/ HOWCROFT & RIG HANDS. MOVE & RIG UP ON NEW LOCATION NBU $641-13E$, .5 MILES. SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP, CONTINUE RIGING UP.
			INSTALL NIGHT CAP ON NBU 642–13E W/ FMC.
11:00	14:00	3.0	NIPPLE UP BOP, FLAIR LINES, FUNCTION TEST BOP. RIG ON DAY WORK @ 11:00 HRS, 04/14/09
14:00	17:30	3.5	TEST BOP AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, LOWER KELLY, FLOOR VALVE & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH. TESTED ANNULAR 250 PSI LOW & 2500 PSI HIGH.
17:30	18:00	0.5	INSTALL WEAR BUSHING.
18:00	19:30	1.5	PICK UP DRILL STRING TAG CEMENT @ 2171'.
19:30	20:30	1.0	DRILL CEMENT, FLOAT & SHOE F/2171' – 2273'.
20:30	21:00	0.5	RUN FIT TEST @2249' WITH 9.1 PPG MUD & 170 PSI = 10.1 PPG EMW.
21:00	21:30	0.5	SURVEY @ 2221' = 1 DEG.
21:30	05:00	7.5	DRILL ROTATE 2259' – 3263', 10–18K WOB, 55/68, 120 SPM, 409 GPM, 150–300 PSI DIFF, 133 FPH.
05:00	05:30	0.5	SURVEY @ 3263' – 1.5 DEG.
05:30	06:00	0.5	DRILL ROTATE 3263' – 3354', 10–18K WOB, 55/68, 120 SPM, 409 GPM, 150–300 PSI DIFF, 182 FPH.

SAFETY MEETING ON MOVING RIG & PRESSURE TESTING BOP.

WEATHER IS CLEAR & TEMP IS 40 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 3739 GAL.

FORMATION MAHOGAN.

MUD WT 9.1 PPG & 34 VIS.

06:00 SPUD A 7 7/8" HOLE WITH ROTARY TOOL @ 20:30 HRS, 4/14/ 09.

04–16–2009 Reported By JESSE TAMAN

=	s: Drilling		121,009		npletion	\$0 \$0			y Total	\$121,009 \$517,248	
	ts: Drilling		517,348		npletion	\$0			l Total	\$517,348	2.50
MD	5,759	TVD	5,759	Progress	2,405	Days	2	MW	10.5	Visc	36.0
Formation			PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Tii	me: DRI	LLING @ 5759'								
Start	End	Hrs	Activity Desc	ription							
06:00	09:30	3.5	DRILL ROTAT	E 3354' – 3890	', 14–20K V	WOB, 55/68	, 120 SPM, 40	9 GPM, 150	–300 PSI DIFF	F, 153 FPH.	
			MUD WT 10.0	PPG & 36 VIS.							
09:30	10:00	0.5	SURVEY 2822								
			SERVICE RIG.								
10:00	06:00	20.0	DRILL ROTAT	E 3890' – 5759	', 14–20K V	WOB, 55/68	, 120 SPM, 40	9 GPM, 150	–300 PSI DIFF	F, 93 FPH.	
			SAFETY MEE	TING ON MAK	KING CON	NECTION &	& TEAM WO	RK.			
			WEATHER IS	CLEAR & TEM	1P IS 32 DI	EG.					
			FULL CREWS	& NO ACCIDE	ENTS.						
			COM OK.								
			FUEL 2463 GA	L.							
			FORMATION I	BUCK CANYO	N.						
			MUD WT 10.5	PPG & 36 VIS.							
04-17-20	09 Re	eported 1	By JE	SSE TAMAN							
DailyCost	s: Drilling	\$	37,358	Cor	npletion	\$0		Dail	ly Total	\$37,358	
Cum Cost	ts: Drilling	\$	554,706	Cor	npletion	\$0		Wel	l Total	\$554,706	
MD	7,125	TVD	7,125	Progress	1,366	Days	3	MW	11.0	Visc	38.0
Formation	n:		PBTD : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: SHC	RT TRIP								
Start	End	Hrs	Activity Desc	ription							
06:00	12:30	6.5	DRILL ROTAT	E 5759' – 6253	', 14–22K V	WOB, 55/68	, 120 SPM, 40	9 GPM, 150	-300 PSI DIFF	F, 76 FPH.	
12:30	13:00	0.5	SERVICE RIG.								
13:00	04:45	15.75	DRILL ROTAT @ 04:45 HRS, 0		', 14–22K V	WOB, 55/68	, 120 SPM, 40	9 GPM, 150	–300 PSI DIFF	F, 55 FPH. REA	CHED TD
04:45	05:30	0.75	CIRCULATE F	OR SHORT TR	CIP.						
05:30	06:00	0.5	WIPER TRIP, S	SHORT TRIP 20) JOINTS.						
			SAFETY MEET	ΓING ON OPE	RATING F	ORKLIFT &	: TRIP HAZA	RDS.			
			WEATHER IS	PARTLY CLOU	JDY & TEN	ир is 38 de	G.				
			FULL CREWS	& NO ACCIDE	ENTS.						
			COM OK.								
			FUEL 1318 GA	L.							
			FORMATION I	PRICE RIVER.							
			MUD WT 11.0	PPG & 38 VIS.							
04-18-20	09 Re	eported 1	By JE	SSE TAMAN							

\$4,224

\$4,224

Completion

Completion

DailyCosts: Drilling

Cum Costs: Drilling

\$23,839

\$578,546

Daily Total

Well Total

\$28,063

\$582,770

 MD
 7,125
 TVD
 7,125
 Progress
 0
 Days
 4
 MW
 10.9
 Visc
 35.0

 Formation:
 PBTD: 0.0
 Perf:
 PKR Depth: 0.0

Activity at Report Time: CIRCULATING FOR CEMENT

Activity Description

Hrs

Start

End

06:00	07:30	1.5 WIPER TRIP, SHORT TRIP 20 STANDS.
07:30	09:00	1.5 CIRCULATE FOR LAYING DOWN DRILL STRING.
09:00	19:00	10.0 LAYDOWN DRILL STRING & WORK TIGHT HOLE F/5100' – 2400'.
19:00	21:00	2.0 RIG UP CASING CREW & HOLD SAFETY MEETING RUNNING CASING.
21:00	06:00	$9.0\;RAN\;176\;TOTAL\;JOINTS\;(176\;FULL\;JOINTS+2\;MARKER\;JOINTS\;\&\;1\;PUP\;JOINT)\;OF\;4.5",\;11.6\#,$

HCP–110, LT&C CASING AS FOLLOWS: 1 WEATHERFORD FLOAT SHOE SET @ 7124', 1 JOINT OF CASING, 1 WEATHERFORD FLOAT COLLAR SET @ 7082', 28 JOINTS OF CASING, 1–21' MARKER JOINT SET @ 5947' – 5967', 32 JOINTS OF CASING, 1–22' PUP JOINT SET @ 4649' – 4670', 24 JOINTS OF CASING & 1–11' MARKER JOINT SET @ 3658' – 3669', 91 JOINTS OF CASING & 1 CASING HANGER ASSEMBLY. RUN 15 TOTAL CENTRALIZERS AS FOLLOWS, 5' ABOVE SHOE ON JOINT #1 & ON TOP OF JOINT #2, THEN EVERY 2ND JOINT TO JOINT #28 @ 5813'. CONFIRMED TD WITH CASING, TAGGING AT 7125' WITH JOINT #177. SET CASING IN MANDREL HANGER WITH FULL STRING WEIGHT. (64,000# WITHOUT BLOCK WEIGHT).

SAFETY MEETING ON LAYING DOWN DRILL STRING & RUNNING CASING.

WEATHER IS PARTLY CLOUDY & TEMP IS 36 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 782 GAL.

FORMATION PRICE RIVER.

MUD WT 11.0 PPG & 38 VIS.

04-19-2009	Re	eported By	JE	ESSE TAMAN							
DailyCosts:	Drilling	\$50,	199	Com	pletion	\$139,617		Daily	Total	\$189,816	
Cum Costs:	Drilling	\$628	3,745	Com	pletion	\$143,841		Well '	Total	\$772,586	
MD	7,125	TVD	7,125	Progress	0	Days	5	MW	0.0	Visc	0.0
Formation :			PBTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs Activity Descr	ription
06:00	08:00	2.0 CIRCULATE FO	OR CEMENT.

HOLD SAFETY MEETING ON CEMENTING.

08:00 10:00 2.0 RIGGED UP CEMENT HEAD, PRESSURE TESTED LINES TO 4000 PSI & CEMENT 4 1/2" PRODUCTION CASING AS FOLLOWS:PUMPED 10 BBLS FRESH WATER, PUMPED 20 BBLS MUD FLUSH SPACER. PUMPED 10 BBLS FRESH WATER, PUMPED 380 SACKS (121.3 BBLS) OF HIGHBOND 75 PREMIUM – CLASS G CEMENT WITH 2% BENTONITE, 2 MICROBOND, .3% VERSASET @ 12.00 PPG, 1.837 CFPS, 9.863 GPS FRESH WATER. PUMPED LEAD CEMENT @ 4 BPM & 675 PSI. PUMPED 920 SACKS (238.8 BBLS) EXTENDACEM (TM) SYSTEM PREMIUM – CLASS G CEMENT WITH .125 LBM/SK POLY-E-FLAKE (LOST CIRCULATION ADDITIVE), 2% BENTONITE, .75% HALAD (R)-322, 3% POTASSIUM CHLORIDE- KCL, 3 LBM SILICATE – COMPACTED, .2% WG-17, 13.50 PPG, 1.47 CFPS, 6.98 GPS FRESH WATER. PUMPED TAIL CEMENT @ 6 BPM & 300 PSI. DISPLACED WITH TOTAL OF 110 BBLS FRESH WATER. FIRST 60 BBLS DISPLACEMENT @ 6.5 BPM & 800-2200 PSI, PUMPED 2ND 10 BBLS DISPLACEMENT @ 4 BPM & 2100 PSI, 10 BBLS SHY OF BUMPING PLUG, REDUCED DISPLACEMENT RATE TO 2 BPM & 2050 PSI. BUMPED PLUG WITH 3100 PSI @ 10:00 HOURS, CHECKED FLOATS & FLOATS HELD. FULL RETURNS. (10 BBLS CEMENT TO SURFACE).

10:00 11:00 1.0 RIG DOWN CEMENTERS.

12:30		1.5 1	CK OUT LA	ANDING JC	DINT, SET PAC	KOFF & TEST	ГО 5000 І	PSI FOR 15 N	MIN.		
	16:00			& RIG DOW	/N.						
16:00	06:00	14.0 RIO	G DOWN.								
		SA	FETY MEE	TING ON R	UNNING CAS	ING & CEMEN	TING.				
		FU	LL CREWS	& NO ACC	CIDENTS.						
		CC	OM OK.								
					DIESEL FUEL						
						-110, 11.6#, LTC	CASIN	G TO CWU 7	743–2		
					ГО CWU 743-: OR 04/19/2009						
		1K	OCKS SCII	EDULEDI	OK 04/19/2009	•					
06:00		RE	LEASED R	IG @ 16:00	HRS, 04/18/20	09.					
		CA	SING POIN	NT COST \$5	99,893						
04-29-2009	Re	eported By	S	EARLE							
DailyCosts:	Drilling	\$0		(Completion	\$37,300		Dail	y Total	\$37,300	
Cum Costs:	Drilling	\$628.	,745	•	Completion	\$181,141		Well	Total	\$809,886	
MD	7,125	TVD	7,125	Progres	s 0	Days	6	MW	0.0	Visc	0.0
Formation :	:		PBTD : 7	7083.0		Perf:			PKR Dep	pth: 0.0	
Activity at F	Report Ti	me: PREP FO	OR FRACS								
Start I	End	Hrs Ac	ctivity Desc	cription							
06:00	06:00		RU SCHLU	MBERGER	. LOG WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD	TO 360'. EST	CEMENT TO	o @ 570°
		DD	COLLIAN	CEDCED							. w 510.
. 10 2000	. D.		SCHLUMI								. 6 370 .
		eported By		EARLE	G 1.1				m . 1	0.550	. @ 570 .
DailyCosts:	Drilling	eported By	Si	EARLE	Completion	\$650			y Total	\$650	370
DailyCosts: Cum Costs:	Drilling Drilling	\$0 \$628.	,745	EARLE (Completion	\$650 \$181,791		Well	Total	\$810,536	
DailyCosts: Cum Costs:	Drilling Drilling 7,125	eported By	,745 7,125	EARLE O Progress	Completion	\$650 \$181,791 Days	7		Total 0.0	\$810,536 Visc	0.0
DailyCosts: Cum Costs: MD Formation:	Drilling Drilling 7,125	\$0 \$628. TVD	7,125 PBTD : 7	Progress	Completion	\$650 \$181,791	7	Well	Total	\$810,536 Visc	
DailyCosts: Cum Costs: MD Formation: Activity at F	Drilling Drilling 7,125 Report Tin	\$0 \$628. TVD	7,125 PBTD: 7	EARLE Progres 7083.0 ETION	Completion	\$650 \$181,791 Days	7	Well	Total 0.0	\$810,536 Visc	
DailyCosts: Cum Costs: MD Formation: Activity at F	Drilling Drilling 7,125 Report Tin	\$0 \$628. TVD me: PREP FO	7,125 PBTD: 7 OR COMPLETIVITY Description	Progress 7083.0 ETION cription	Completion s 0	\$650 \$181,791 Days Perf :	7	Well	Total 0.0	\$810,536 Visc	
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00	Drilling Drilling 7,125 Report Tin End 06:00	\$0 \$628. TVD me: PREP FO Hrs Ac	7,125 PBTD: 7 PCR COMPLETIVITY DESCRIPTION THE	Progres 7083.0 ETION cription EST CASING	Completion	\$650 \$181,791 Days Perf :	7	Well	Total 0.0	\$810,536 Visc	
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 06-11-2009	Drilling Drilling 7,125 Report Tin End 06:00 Re	\$0 \$628. TVD me: PREP FO Hrs Ac 24.0 PR	7,125 PBTD: 7 PCR COMPLETIVITY DESCRIPTION THE	Progress 7083.0 ETION Cription EST CASING	Completion s 0 G TO 6500 PSI	\$650 \$181,791 Days Perf:	7	Well MW	0.0 PKR Dep	\$810,536 Visc pth: 0.0	
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 D6-11-2009 DailyCosts:	Drilling Drilling 7,125 Report Tin End 06:00 Re Drilling	\$0 \$628. TVD me: PREP FO Hrs Ac 24.0 PR eported By	7,125 PBTD: 7 PC COMPLETIVITY DESCRIPTION OF THE MARKET	Progress 7083.0 ETION cription EST CASING	Completion S 0 G TO 6500 PSI Completion	\$650 \$181,791 Days Perf: G.	7	Well MW Dail	Total 0.0 PKR Dep	\$810,536 Visc pth: 0.0	
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 06-11-2009 DailyCosts: Cum Costs:	Drilling Drilling 7,125 Report Tin End 06:00 Re Drilling Drilling	so \$628. TVD me: PREP FC Hrs Ac 24.0 PR eported By \$0 \$628.	7,125 PBTD: 7 OR COMPLETIVITY DESCRIPTION M	Progres 7083.0 ETION cription EST CASING	Completion G TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf: G.		Well MW Daily Well	O.O PKR Dep	\$810,536 Visc pth: 0.0 \$668 \$811,204	0.0
DailyCosts: Cum Costs: MD Formation: Activity at F 66:00 06-11-2009 DailyCosts: Cum Costs: MD	Drilling 7,125 Report Tin End 06:00 Re Drilling Drilling 7,125	so \$628. TVD me: PREP FO 24.0 PR sported By \$0 \$628. TVD	7,125 PBTD: 7 PBTD: 7 OR COMPLETIVITY Description ESSURE THE MA 7,745 7,125	Progress 7083.0 ETION Cription EST CASING	Completion G TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf: G. \$668 \$182,459 Days	8	Well MW Dail	O.0 PKR Dep y Total Total 0.0	\$810,536 Visc pth: 0.0 \$668 \$811,204 Visc	
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 D6-11-2009 DailyCosts: Cum Costs: MD Formation: WASATCH	Drilling Drilling 7,125 Report Tin End 06:00 Re Drilling Drilling 7,125 MESAVE	so \$628. TVD me: PREP FO 24.0 PR eported By \$0 \$628. TVD RDE /	7,125 PBTD: 7 OR COMPLETIVITY DESCRIPTION M	Progress 7083.0 ETION Cription EST CASING	Completion G TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf: G.	8	Well MW Daily Well	O.O PKR Dep	\$810,536 Visc pth: 0.0 \$668 \$811,204 Visc	0.0
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 D6-11-2009 DailyCosts: Cum Costs: MD Formation: WASATCH Activity at F	Drilling 7,125 Report Tin End 06:00 Re Drilling 7,125 MESAVE Report Tin	sported By \$0 \$628. TVD me: PREP FO 24.0 PR eported By \$0 \$628. TVD RDE / me: FRAC	7,125 PBTD: 7 OR COMPL ctivity Desc ESSURE TE M 7,125 PBTD: 7	Progress 7083.0 ETION Cription EST CASING ICCURDY Progress 7083.0	Completion G TO 6500 PSI Completion Completion	\$650 \$181,791 Days Perf: G. \$668 \$182,459 Days	8	Well MW Daily Well	O.0 PKR Dep y Total Total 0.0	\$810,536 Visc pth: 0.0 \$668 \$811,204 Visc	0.0
DailyCosts: Cum Costs: MD Formation: Activity at F Start I 06:00 D6-11-2009 DailyCosts: Cum Costs: MD Formation: WASATCH Activity at F Start I	Drilling Drilling 7,125 Report Tin End 06:00 Drilling Drilling T,125 MESAVE Report Tin End	sported By \$0 \$628. TVD me: PREP FC Hrs Ac 24.0 PR eported By \$0 \$628. TVD RDE / me: FRAC Hrs Ac	7,125 PBTD: 7 PSUR COMPLETIVITY DESCRIPTION TO THE PROPERTY OF	Progres 7083.0 ETION Cription EST CASING ICCURDY Progres 7083.0	Completion G TO 6500 PSI Completion Completion S 0	\$650 \$181,791 Days Perf: G. \$668 \$182,459 Days Perf: 6735'-	8 7013'	Well MW Daily Well MW	y Total O.0 PKR Dep y Total O.0 PKR Dep	\$810,536 Visc pth: 0.0 \$668 \$811,204 Visc pth: 0.0	0.0
06:00 06-11-2009 DailyCosts: Cum Costs: MD Formation: WASATCH Activity at F	Drilling 7,125 Report Tin End 06:00 Re Drilling 7,125 MESAVE Report Tin	**************************************	7,125 PBTD: 7 PSUR COMPLETIVITY DESCRIPTION TO THE PROPERTY OF	Progres 7083.0 ETION Cription EST CASING ICCURDY Progres 7083.0 Cription WIRELINE 64'-55', 696	Completion G TO 6500 PSI Completion Completion S 0 6 & PERFORAT 4'-65', 6973'-	\$650 \$181,791 Days Perf: G. \$668 \$182,459 Days	8 .7013' .6735'–36' .7012'–13	Well MW Daily Well MW 7, 6746'-47', " @ 3 SPF @	y Total 0.0 PKR Dep y Total 0.0 PKR Dep 6782'-83', 68 120 PHASIN	\$810,536 Visc pth: 0.0 \$668 \$811,204 Visc pth: 0.0	0.0

DailyCosts	: Drilling	\$0		Con	pletion	\$158,632		Daily	Total	\$158,632	
Cum Costs	s: Drilling	\$62	28,745	Con	pletion	\$341,091		Well	Fotal	\$969,837	
MD	7,125	TVD	7,125	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE /	PBTD : 7	083.0		Perf : 4962	2'-7013'		PKR Der	oth: 0.0	

WASATCH

Activity at Report Time: PREP TO MIRUSU

Start	Ena	Hrs	Activity Description
06:00	06:00	24.0	SICP 310 PSIG. RU HALLIBURTON, FRAC DOWN CASING W/8460 GAL 16# LINEAR W/11100# 20/40 SAND @ 1-
			1.5 PPG, 35041 GAL 16# DELTA 140 W/116200# 20/40 SAND @ 2-4 PPG. MTP 5821 PSIG. MTR 51.2 BPM. ATP 4522

PSIG. ATR 47.2 BPM. ISIP 2415 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6655'. PERFORATE UPR FROM 6442'-44', 6452'-53', 6461'-62', 6485'-86', 6499'-501', 6510'-11', 6532'-33', 6608'-09', 6614'-15', 6619'-20' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106. 8405 GAL 16# LINEAR W/11050# 20/40 SAND @ 1-1.5 PPG, 23296 GAL 16# DELTA 140 W/74250# 20/40 SAND @ 2-4 PPG. MTP 5141 PSIG. MTR 53 BPM. ATP 3838 PSIG. ATR 50 BPM. ISIP 2191 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6420'. PERFORATE U[PR/ NORTH HORN FROM 6192'-93', 6202'-03', 6208'-09', 6235'-36', 6256'-58', 6284'-85', 6296'-97', 6367'-68', 6372'-73', 6396'-97', 6403'-04' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106, 8262 GAL 16# LINEAR W/10900# 20/40 SAND @ 1-1.5 PPG, 25662 GAL 16# DELTA 140 W/84100# 20/40 SAND @ 2-4 PPG. MTP 5384 PSIG. MTR 50.9 BPM. ATP 3881 PSIG. ATR 49.6 BPM. ISIP 2129 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6060'. PERFORATE Ba/ NORTH HORN FROM 5602'-03', 5672'-73', 5690'-91', 5779'-80', 5832'-33', 5863'-64', 5887'-88', 5922'-23', 5937'-38', 5991'-92', 6005'-06', 6031'-32' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106, 12634 GAL 16# LINEAR W/16850# 20/40 SAND @ 1-1.5 PPG, 20032 GAL 16# DELTA 140 W/62850# 20/40 SAND @ 2-4 PPG. MTP 5832 PSIG. MTR 51.5 BPM. ATP 4055 PSIG. ATR 48.4 BPM. ISIP 2268 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5410'. PERFORATE Ba/ NORTH HORN FROM 5124'-26', 5136'-37', 5146'-47', 5183'-85', 5264'-65', 5276'-77', 5311'-12', 5318'-19', 5375'-77' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 14454 GAL 16# DELTA 140 W/48400# 20/40 SAND @ 3-4 PPG. MTP 5167 PSIG. MTR 50.7 BPM. ATP 3608 PSIG. ATR 48.3 BPM. ISIP 1558 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5080'. PERFORATE $C_{\rm a}$ FROM 4962'-67', 4981'-85', 5044'-47' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE GAL 16# LINEAR W/11500 GAL 16# DELTA 140 W/51500# 20/40 SAND @ 4 PPG. MTP 3215 PSIG. MTR 51.2 BPM. ATP 3069 PSIG. ATR 49.6 BPM. ISIP 1833 PSIG. RD HALLIBURTON.

RUWL, SET 6K CBP AT 4882', RDWL.

06-19-20	09]	Reported 1	Ву Н.	ACKING							
DailyCost	s: Drillin	g \$	0	Con	mpletion	\$15,575		Daily	Total	\$15,575	
Cum Cost	s: Drillin	g \$	628,745	Con	mpletion	\$356,666		Well	Fotal	\$985,412	
MD	7,125	TVD	7,125	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation WASATCH		/ERDE /	PBTD : 7	083.0		Perf : 4962'-	7013'		PKR Dej	pth: 0.0	
Activity at	t Report 7	Гime: CLE	AN OUT AFTEI	R FRAC							
Start	End	Hrs	Activity Desc	ription							
06:00	06:00	24.0	MIRUSU. NU I	3OP. RIH W/3-	-7/8" BIT &	POBS TO 5047.	PREP TO	O DRILL PLU	IGS. SDFN.		
06-20-20	09	Reported 1	Ву Н.	ACKING							

\$5,575 DailyCosts: Drilling \$0 Completion \$5,575 **Daily Total** \$362,241 \$990,987 **Cum Costs: Drilling** \$628,745 Completion Well Total 7,125 0.0 0.0 MD 7,125 0 MW**TVD Progress** Days 11 Visc **Formation:** MESAVERDE / **PBTD**: 7083.0 Perf: 4962'-7013' PKR Depth: 0.0 WASATCH **Activity at Report Time: FLOW TEST** Start **Activity Description** End Hrs 06:00 24.0 DRILL PLUGS @ 5080', 5410', 6060', 6420', 6655'. CO TO 7072'. CIRC BOTTOMS UP. LD 65 JTS. LAND TUBING 06:00 AT 4957.58' KB. ND BOPS. NU TREE. PUMP OFF BIT 2300 PSI. RDMOSR. FLOW BACK WELL 16 HRS, 32/64" CHOKE, FTP 450 PSIG, SICP 1000 PSIG, 56 BPH. RECOVERED 1060 BBLS. BWTLR 3691. RDSRMO. TUBING DETAIL LENGTH PUMP OFF SUB 0.41' 1 JT 2-3/8 4.7# N-80 TBG 32.42 XN NIPPLE 1.30 151 JTS 2-3/8 4.7# N-80 TBG 4910.45 BELOW KB 13.00' LANDED @ 4957.58 KB HACKING 06-21-2009 Reported By \$3,025 **Daily Total** \$3,025 DailyCosts: Drilling \$0 Completion \$628,745 \$365,266 **Well Total** \$994,012 **Cum Costs: Drilling** Completion MD 7,125 **TVD** 7,125 **Progress** 0 12 MW0.0 Visc 0.0 Days **Formation:** MESAVERDE / **PBTD:** 7083.0 Perf: 4962'-7013' PKR Depth: 0.0 WASATCH Activity at Report Time: FLOW BACK Start End Hrs **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS. 48/64" CHOKE. FTP 500 PSIG. SICP 1400 PSIG. 1237 BBLS RECOVERED. 2454 BWTLR. 06-22-2009 HACKING Reported By \$0 \$3,025 \$3,025 DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** \$628,745 \$368,291 **Well Total** \$997.037 Completion 0 0.0 0.0 MD 7,125 **TVD** 7,125 **Progress** Days 13 MWVisc **PBTD:** 7083.0 PKR Depth: 0.0 **Formation:** MESAVERDE / Perf: 4962'-7013' WASATCH Activity at Report Time: FLOW TEST Start End **Activity Description** 24.0 FLOWED 24 HRS. 32/64" CHOKE. FTP 500 PSIG. SICP 1250 PSIG. 40 BFPH, RECOVERED 967 BLW. 1487 BLWTR. 06:00 06:00

HACKING 06-23-2009 Reported By

\$3,025 \$3,025 DailyCosts: Drilling \$0 **Daily Total** Completion \$1,000,062 **Cum Costs: Drilling** \$628,745 Completion \$371,316 Well Total

MD 7,125 **TVD** 14 7,125 **Progress** Days MWVisc

Formation: MESAVERDE / **PBTD:** 7083.0 Perf: 4962'-7013' PKR Depth: 0.0

WASATCH

Activity at Report Time: FLOW TEST

0.0

0.0

06:00 06:00	24.0 FI	LOWED 24 H	10. 32/01 011	0112:11:0	50 1 51G. CI 11.		32 B1 1 11. 1CE		00 00 11 11 10 11	
06-24-2009	Reported By	H	ACKING							
DailyCosts: Drillin	ng \$0		Co	mpletion	\$3,025		Daily	Total	\$3,025	
Cum Costs: Drilli	ng \$628	8,745	Co	mpletion	\$374,341		Well '	Total	\$1,003,087	
MD 7,125	TVD	7,125	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation: MESA WASATCH	VERDE /	PBTD : 7	083.0		Perf : 4962'-	-7013'		PKR De	pth: 0.0	
Activity at Report	Time: WO FA	CILITIES								
Start End	Hrs A	ctivity Desc	ription							
06:00 06:00			RS. 24/64" CH L. WO FACIL		75 PSIG, SICP 1	175 PSIG	6. 22 BPH. 122	BBLS REC	OVERED. 560 B	WTLR.
	FI	NAL COMPI	LETION DAT	E: 6/23/09						
06-25-2009	Reported By	Di	UANE COOK							
DailyCosts: Drillin	ng \$0		Co	mpletion	\$0		Daily	Total	\$0	
Cum Costs: Drillin	ng \$628	8,745	Co	mpletion	\$374,341		Well '	Total	\$1,003,087	
MD 7,125	TVD	7,125	Progress	0	Days	16	MW	0.0	Visc	0.0
F ormation: MESA WASATCH	VERDE /	PBTD : 7	083.0		Perf : 4962'-	-7013'		PKR De	pth: 0.0	
Activity at Report	Time: INITIA	L PRODUCT	ION							
_		L PRODUCT								
	Hrs A 24.0 IN	ctivity Desc	ription DUCTION. OF S AT 12:00 PM) WELL OVER T E. STATIC 135.	
Start End 06:00 06:00	Hrs A 24.0 IN	ctivity Desc NITIAL PROE IAGEE SALE IAGEE METE	ription DUCTION. OF S AT 12:00 PM	Л, 6/24/09. F						
Start End 06:00 06:00 06-26-2009	Hrs A 24.0 IN M M Reported By	ctivity Desc NITIAL PROE IAGEE SALE IAGEE METE	ription OUCTION. OF S AT 12:00 PM ER #985811. UANE COOK	Л, 6/24/09. F			TE ON 10/64'			
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin	Hrs A 24.0 IN M M Reported By ng \$0	ctivity Desc NITIAL PROE IAGEE SALE IAGEE METE	Pription DUCTION. OF S AT 12:00 PN ER #985811. UANE COOK	Л, 6/24/09. F	LOWED 1200 N		TE ON 10/64'	POS CHOK	XE. STATIC 135.	
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin Cum Costs: Drillin	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628	ctivity Desc NITIAL PROE IAGEE SALE IAGEE METE	Pription DUCTION. OF S AT 12:00 PN ER #985811. UANE COOK	M, 6/24/09. F	\$0		TE ON 10/64'	POS CHOK	© STATIC 135.	
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin Cum Costs: Drillin MD 7,123 Formation: MESA	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 5 TVD	ctivity Desc NITIAL PROE IAGEE SALE IAGEE METE DI	Progress	M, 6/24/09. Fompletion	\$0 \$374,341	MCFD RA	TE ON 10/64' Daily Well	" POS CHOK Total Total	\$0 \$1,003,087 Visc	KERR
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin Cum Costs: Drillin MD 7,123 Formation: MESA WASATCH	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 5 TVD	ctivity Desc NITIAL PROE IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7	Progress	M, 6/24/09. Fompletion	\$0 \$374,341 Days	MCFD RA	TE ON 10/64' Daily Well	Total Total 0.0	\$0 \$1,003,087 Visc	KERR
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin Cum Costs: Drillin MD 7,123 Formation : MESA WASATCH Activity at Report	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 5 TVD VERDE / Time: ON SA	ctivity Desc NITIAL PROE IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7	Progress 083.0	M, 6/24/09. Fompletion	\$0 \$374,341 Days	MCFD RA	TE ON 10/64' Daily Well	Total Total 0.0	\$0 \$1,003,087 Visc	KERR
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin Cum Costs: Drillin MD 7,123 Formation : MESA WASATCH Activity at Report	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 6 TVD VERDE / Time: ON SAL Hrs A	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7	ription OUCTION. OF S AT 12:00 PM ER #985811. UANE COOK Co Progress 083.0	ompletion O O O O O O O O O O O O O	\$0 \$374,341 Days	17 -7013'	Daily Well '	Total Total 0.0 PKR De	\$0 \$1,003,087 Visc pth: 0.0	KERR
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin MD 7,12: Formation : MESA WASATCH Activity at Report Start End 06:00 06:00	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 6 TVD VERDE / Time: ON SAL Hrs A	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7 LES ctivity Desc LOWED 509 I	ription OUCTION. OF S AT 12:00 PM ER #985811. UANE COOK Co Progress 083.0	ompletion 0 62 BW IN 2-	\$0 \$374,341 Days Perf : 4962'-	17 -7013'	Daily Well '	Total Total 0.0 PKR De	\$0 \$1,003,087 Visc pth: 0.0	KERR
Start	Hrs A 24.0 IN M Reported By ng \$628 5 TVD VERDE / Time: ON SA Hrs A 24.0 FI Reported By	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7 LES ctivity Desc LOWED 509 I	ription DUCTION. OF S AT 12:00 PM ER #985811. UANE COOK Co Progress 083.0 ription MCF, 6 BC & ICHAEL WH	ompletion 0 62 BW IN 2-	\$0 \$374,341 Days Perf : 4962'-	17 -7013'	Daily Well MW	Total Total 0.0 PKR De	\$0 \$1,003,087 Visc pth: 0.0	KERR
Start End 06:00 06:00 D6-26-2009 DailyCosts: Drillin MD 7,123 Formation: MESAWASATCH Activity at Report Start End 06:00 06:00 D6-29-2009 DailyCosts: Drillin	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 6 TVD VERDE / Time: ON SA Hrs A 24.0 FI Reported By ng \$0	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7 LES ctivity Desc LOWED 509 I	ription DUCTION. OF S AT 12:00 PM SR #985811. UANE COOK Progress 083.0 ription MCF, 6 BC & ICHAEL WH	ompletion 0 62 BW IN 2	\$0 \$374,341 Days Perf : 4962'-	17 -7013'	Daily Well MW	Total O.0 PKR Dep	\$0 \$1,003,087 Visc pth: 0.0	KERR
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin MD 7,12: Formation: MESA WASATCH Activity at Report Start End 06:00 06:00 06-29-2009 DailyCosts: Drillin Cum Costs: Drillin	Hrs A 24.0 IN M M Reported By ng \$0 TVD VERDE / Time: ON SA Hrs A 24.0 FI Reported By ng \$0 1 \$0 1 \$0 1 \$0 1 \$0 1 \$0 1 \$0 1 \$0 1	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7 LES ctivity Desc LOWED 509 I	ription DUCTION. OF S AT 12:00 PM SR #985811. UANE COOK Progress 083.0 ription MCF, 6 BC & ICHAEL WH	ompletion 0 62 BW IN 2- ITE completion	\$0 \$374,341 Days Perf : 4962'- 4 HRS ON 10/64 \$0 \$374,341	17 -7013'	Daily Well MW E, TP 1350 PS	Total O.0 PKR Dep	\$0 \$1,003,087 Visc pth: 0.0	0.0
Start End 06:00 06:00 06:00 06:00 06:00 06:00 DailyCosts: Drillin MD 7,12:3 Formation: MESA WASATCH Activity at Report Start End 06:00 06:00 06-29-2009 DailyCosts: Drillin Cum Costs: Drillin MD 7,12:3 Formation: MESA	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 6 TVD VERDE / Time: ON SAI Hrs A 0 24.0 FI Reported By ng \$0 10	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7 LES ctivity Desc LOWED 509 I	ription DUCTION. OF S AT 12:00 PM SR #985811. UANE COOK Co Progress 083.0 ription MCF, 6 BC & ICHAEL WH Co Co Progress	ompletion 62 BW IN 2- TTE completion completion ompletion completion	\$0 \$374,341 Days Perf: 4962'-	17 -7013' 4" CHOKI	Daily Well MW E, TP 1350 PS Daily Well	Total Total 0.0 PKR De SIG, CP 1600 Total Total Total	\$0 \$1,003,087 Visc pth: 0.0 PSIG. \$0 \$1,003,087 Visc	0.0
06:00 06:00 06-26-2009 DailyCosts: Drillin Cum Costs: Drillin MD 7,12: Formation: MESA WASATCH Activity at Report Start End 06:00 06:00 06-29-2009 DailyCosts: Drillin Cum Costs: Drillin	Hrs A 24.0 IN M Reported By ng \$628 5 TVD VERDE / Time: ON SA Hrs A 24.0 FI Reported By ng \$0 10 10 10 10 10 10 10 10 10	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7 LES ctivity Desc LOWED 509 I M	ription DUCTION. OF S AT 12:00 PM SR #985811. UANE COOK Co Progress 083.0 ription MCF, 6 BC & ICHAEL WH Co Co Progress	ompletion 62 BW IN 2- TTE completion completion ompletion completion	\$0 \$374,341 Days Perf : 4962'- 4 HRS ON 10/62 \$0 \$374,341 Days	17 -7013' 4" CHOKI	Daily Well MW E, TP 1350 PS Daily Well	Total O.0 PKR Depleting, CP 1600 Total Total Total Total O.0	\$0 \$1,003,087 Visc pth: 0.0 PSIG. \$0 \$1,003,087 Visc	KERR
Start End 06:00 06:00 06-26-2009 DailyCosts: Drillin MD 7,12: Formation: MESA WASATCH Activity at Report Start End 06:00 06:00 06-29-2009 DailyCosts: Drillin Cum Costs: Drillin MD 7,12: Formation: MESA WASATCH	Hrs A 24.0 IN M M Reported By ng \$0 ng \$628 6 TVD VERDE / Time: ON SAI Hrs A 0 24.0 FI Reported By ng \$0 NG	ctivity Desc NITIAL PROD IAGEE SALE IAGEE METE DI 8,745 7,125 PBTD: 7 LES ctivity Desc LOWED 509 I M	ription DUCTION. OF S AT 12:00 PM SR #985811. UANE COOK Co Progress 083.0 ription MCF, 6 BC & ICHAEL WH Co Progress 083.0	ompletion 62 BW IN 2- TTE completion completion ompletion completion	\$0 \$374,341 Days Perf : 4962'- 4 HRS ON 10/62 \$0 \$374,341 Days	17 -7013' 4" CHOKI	Daily Well MW E, TP 1350 PS Daily Well	Total O.0 PKR Depleting, CP 1600 Total Total Total Total O.0	\$0 \$1,003,087 Visc pth: 0.0 PSIG. \$0 \$1,003,087 Visc	0.0

06/28/09 - FLOWED 390 MCF, 0 BC & 86 BW IN 24 HRS ON 10/64" CHOKE, TP 1250 PSIG, CP 1600 PSIG.

06/29/09 - FLOWED 413 MCF, 0 BC & 100 BW IN 24 HRS ON 10/64" CHOKE, TP 1200 PSIG, CP 1600 PSIG.

06-30-2009	Repor	ted By	RO	OGER DART							
DailyCosts: Dri	lling	\$0		Con	pletion	\$0		Daily '	Total	\$0	
Cum Costs: Dri	lling	\$628,	745	Con	pletion	\$374,341		Well T	otal	\$1,003,087	
MD 7,	125 TV	/D	7,125	Progress	0	Days	19	MW	0.0	Visc	0.0
F ormation: ME WASATCH	SAVERDE	./	PBTD : 7	083.0		Perf : 4962	'-7013'		PKR Del	pth: 0.0	
Activity at Repo	ort Time:	ON SAL	ES								
Start End	Hı	s Ac	tivity Desc	ription							
06:00 06	5:00	24.0 FL	OWED 391	MCF, 5 BC & 11	5 BW IN	24 HRS ON 10	/64" CHOI	KE, TP 1200 PS	SIG, CP 1600	O PSIG.	
07-01-2009	Repor	ted By	RO	OGER DART							
DailyCosts: Dri	lling	\$0		Con	pletion	\$0		Daily '	Total	\$0	
Cum Costs: Dri	lling	\$628,	745	Con	pletion	\$374,341		Well T	otal	\$1,003,087	
MD 7,	125 TV	/ D	7,125	Progress	0	Days	20	MW	0.0	Visc	0.0
F ormation : ME WASATCH	SAVERDE	./	PBTD : 7	083.0		Perf : 4962	'–7013'		PKR De _l	pth: 0.0	
Activity at Repo	ort Time:	ON SAL	ES								

 $24.0\ \ FLOWED\ 384\ MCF, 0\ BC\ \&\ 108\ BW\ IN\ 24\ HRS\ ON\ 10/64"\ CHOKE, TP\ 1200\ PSIG,\ CP\ 1600\ PSIG.$

06:00

06:00

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

X Change of Operator (Well Sold)

Operator Name Change

Designation of Agent/Operator Merger

ROUTING									
1. DJJ									
2. CDW									

The operator of the well(s) listed below has change	6/1/2009											
FROM: (Old Operator):	TO: (New Operator):											
N9550-EOG Resources				N2995-Kerr-McGee Oil & Gas Onshore., LP								
1060 E Hwy 40					outh 1200 E							
Vernal, UT 84078				Vernal,	UT 84078							
Phone: 1-(435) 781-9111				Phone: 1-(435)	781-7024							
CA No.		Unit:		ES								
WELL NAME(S)	SEC	TWN	RNG	API NO	ENTITY	LEASE	WELL	WELL				
			2.2			TYPE	TYPE	STATUS				
	13				WCR-2900		GW	P				
	13	100S		4304750019 +			GW	P				
	13			4304750058 🚁			GW	P				
NBU 660-12E	12	100S	200E	4304739858	OK 2900	Federal	GW	P 9/8/09				
OPERATOR CHANGES DOCUMENT.	ATI	ON										
Enter date after each listed item is completed												
1. (R649-8-10) Sundry or legal documentation wa	s rec	eived f	rom the	FORMER ope	rator on:	Completion	of well					
2. (R649-8-10) Sundry or legal documentation wa	*											
3. The new company was checked on the Departs	nent	of Cor	nmerce	, Division of Co	rporations	Database o	n:	3/7/2006				
4. Is the new operator registered in the State of Ut	ah:		YES	Business Numb	er: 1	355743-018	1					
6a. (R649-9-2)Waste Management Plan has been re	ceive	ed on:		IN PLACE			•					
6b. Inspections of LA PA state/fee well sites compl				n/a	•							
7. Federal and Indian Lease Wells: The BLM a	nd or	the BI	A has a	pproved the mer	ger, name c	hange,						
or operator change for all wells listed on Federa	al or	Indian !	leases o	n:	BLM	n/a	BIA	n/a				
8. Federal and Indian Units:								•				
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a												
9. Federal and Indian Communization Agreem	9. Federal and Indian Communization Agreements ("CA"):											
The BLM or BIA has approved the operator	for al	l wells	listed w	rithin a CA on:		n/a	_					
10. Underground Injection Control ("UIC")			The Di	vision has appro	oved UIC Fo	orm 5, Tran	sfer of A	uthority to				
Inject, for the enhanced/secondary recovery un	it/pro	ject fo	r the wa	ater disposal wel	l(s) listed o	n:	n/a					
DATA ENTRY:												
1. Changes entered in the Oil and Gas Database	on:			7/29/2009	-							
2. Changes have been entered on the Monthly Op	oerat	or Cha	nge Sp	read Sheet on:		7/29/2009	_					
3. Bond information entered in RBDMS on:				7/29/2009								
4. Fee/State wells attached to bond in RBDMS on	Fee/State wells attached to bond in RBDMS on:											
5. Injection Projects to new operator in RBDMS of	n/a											
BOND VERIFICATION:												
1. Federal well(s) covered by Bond Number:				CO1203								
2. Indian well(s) covered by Bond Number:	n/a	•										
3. (R649-3-1) The NEW operator of any state or	fee w	rell(s) li	isted co	vered by Bond I	Number	22013542						
4. The FORMER operator has requested a release of liability from their bond on: n/a												
COMMENTS:		.	•									

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement 9/17/03 from Westport)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF ON CAS AND MINING											AMENDED REPORT FORM 8 (highlight changes)										
DIVISION OF OIL, GAS AND MINING														5. LEASE DESIGNATION AND SERIAL NUMBER: U-08512-A-ST							
WELL COMPLETION OR RECOMPLETION REPORT AND LOG													INDIAN,	ALLOTTE	E OR	TRIBE	NAME				
1a. TYPE OF WELL: OIL GAS WELL DRY DRY OTHER											7. UNIT or CA AGREEMENT NAME Natural Buttes										
b. TYPE OF WORK: NEW HORIZ. DEEP- RE- WELL I RESVR. OTHER OTHER											/ELL NAM Natura				641-1	3E					
2. NAME OF OPERATOR: EOG Resources, Inc.													9. API NUMBER: 43-047-50058								
3. ADDRESS OF OPERATOR: PHONE NUMBER:											10 FIELD AND POOL, OR WILDCAT										
600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202 (303) 824-5526 4. LOCATION OF WELL (FOOTAGES)												Natural Buttes									
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383108 LON AT TOP PRODUCING INTERVAL REPORTED BELOW: Same																					
			KIEDBE	LOW: 3	ame							12.	COUNTY			13.	STATE				
AT TOTAL DEPT		DATE T.	D DEAC	NIED.	16. DATI	COMPL	ETED.						Jintah	VATIONIO	(DE D		T (1)	UTAH			
4/4/2009		4/17/2		HED:	-	1/2009		,	ABANDONI	ED 🗌	READY TO PRODUC	CE 🔽		VATIONS 2 97' N			(1, GL):				
18. TOTAL DEPTH:	18. TOTAL DEPTH: MD 7,125 TVD 19. PLUG BACK T.D.: MD 7,083 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD TVD																				
22. TYPE ELECTRIC		_		,	Submit cop	y of each)			23.	L CORED?	NO		v=c []							
RST/CBL/C	CL/VDL/	GR / T	em	P						WAS DST		NO	NO YES (Submit analysis) NO Y YES (Submit report) NO Y YES (Submit copy)								
24. CASING AND LI	INER RECOR	D (Report a	all string	s set in w	ell)					1											
HOLE SIZE	SIZE/GRA	ADE	WEIGHT	Γ (#/ft.)	TOP (MD)	вотто	M (MD)		EMENTER PTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)		CEMEN	NT TOP	**	AMOUN	IT PULLED			
12.25	9.625	J-55	36	.0	C)	2,249				750				0						
7.875	4.5 н	ICP-110	11	.6	С	7,12		124		1300					570						
	ļ					-			ļ												
												 									
25. TUBING RECOR	IRD													<u> </u>							
SIZE	DEPTH S	SET (MD)	PACH	(ER SET (MD)	SIZE	<u> </u>	DEPTH SET (MD)			R SET (MD)	SIZE	DEPTH SET			(MD) PACKER SET (MD					
2.375	4,9	58																			
26. PRODUCING IN	TERVALS									27. PERFOI	RATION RECORD										
FORMATION		TOP ((TVD) BOTTOM (TVD)				L (Top/Bot - MD)	SIZE					RATION STATUS					
(A) Wasatch/Mesaverde 4,9		4,9	962	52 7,013					6,735	7,013		3		Open		Squeezed					
(B)				ļ						6,442	6,620		3	Ope	-=		queezed	=			
(C)									6,192	6,404		3	Ope	=	_	queezed					
(D) 28. ACID, FRACTUR	DE TOCATME	NT CEME	NT SOL		<u> </u>					5,602	6,032		3	Оре	n	S	queezed				
	·	iri, oziiic			· ·				ΔM	NUNT AND T	YPE OF MATERIAL										
6735-7013 43.708 GALS GELLET							D WATER & 127,300# 20/40 SAND														
10,100 0,120 02122							ED WATER & 127,300# 20/40 SAND														
							D WATER & 85,300# 20/40 SAND D WATER & 95,000# 20/40 SAND														
29. ENCLOSED AT	TACHMENTS:								,						30. W	ELL:	STATUS:	;			
ELECTRICAL/MECHANICAL LOGS SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION						GEOLOGIC REPORT DST REPORT CORE ANALYSIS OTHER:						DIRECTIONAL SURVEY				Producing					
(5/2000)							(CO	NTINUE	ED ON E	ACK)	RE	CE	VE	ر							

(CONTINUED ON BACK)

JUL 27 2009

31. INITIAL PRODUCTION INTERVAL A (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: 6/24/2009 6/29/2009 24 0 413 100 **Flows** CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU -- GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCE WATER - BBL: INTERVAL STATUS: 10/64" 1,200 1,600 RATES: 0 413 100 Producing INTERVAL B (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: RATES: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: RATES: INTERVAL C (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBI : PROD METHOD: RATES: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS 24 HR PRODUCTION OIL - BBL: GAS/OIL RATIO GAS -- MCF: WATER - BBI INTERVAL STATUS: RATES: INTERVAL D (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: RATES: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: RATES: 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) Sold 33. SUMMARY OF POROUS ZONES (Include Aquifers): 34. FORMATION (Log) MARKERS: Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Bottom Top (MD) Top (Measured Depth) Formation Descriptions, Contents, etc. Name (MD) Wasatch/Mesaverde 4.962 7.013 Green River 941 Birds Nest 1,260 Mahogany 1,813 3,970 **Uteland Butte** Wasatch 4,062 Chapita Wells 4,647 **Buck Canyon** 5,311

35. ADDITIONAL REMARKS (Include plugging procedure)

See attached page for additional information.

36.	I hereby	certify th	at the	foregoing	and attache	d inforn	nation is	complete an	d correct as	determined	from all availabl	e records.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

Price River

Middle Price River

6,346

7,125

SIGNATURE

Mary a. Manya

DATE 7/22/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- · drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- ** ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Natural Buttes Unit 641-13E - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

5124-5377	3/spf
4962-5047	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

	<u> </u>
5602-6032	32,873 GALS GELLED WATER & 79,700# 20/40 SAND
5124-5377	14,496 GALS GELLED WATER & 48,400# 20/40 SAND
4962-5047	11,542 GALS GELLED WATER & 51,500# 20/40 SAND

Perforated the Upper Price River from 6735-36', 6746-47', 6782-83', 6822-23', 6895-97', 6905-06', 6954-55', 6964-65', 6973-74', 6995-96', 7012-13' w/ 3 spf.

Perforated the Upper Price River from 6442-44', 6452-53', 6461-62', 6485-86', 6499-6501', 6510-11', 6532-33', 6608-09', 6614-15', 6619-20' w/ 3 spf.

Perforated the Upper Price River/North Horn from 6192-93', 6202-03', 6208-09', 6235-36', 6256-58', 6284-85', 6296-97', 6367-68', 6372-73', 6396-97', 6403-04' w/ 3 spf.

Perforated the Ba/North Horn from 5602-03', 5672-73', 5690-91', 5779-80', 5832-33', 5863-64', 5887-88', 5922-23', 5937-38', 5991-92', 6005-06', 6031-32' w/ 3 spf.

Perforated the Ba/North Horn from 5124-26', 5136-37', 5146-47', 5183-85', 5264-65', 5276-77', 5311-12', 5318-19', 5375-77' w/ 3 spf.

Perforated the Ca from 4962-67', 4981-85', 5044-47' w/ 3 spf.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

	1	5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST			
	SUNDRY	N	OTICES AND REPORTS ON WELLS	6. IF	INDIAN, ALLOTTEE OR TRIBE NAME:
Do a	not use this form for proposals to drill n	ew we	is, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		NIT or CA AGREEMENT NAME: atural Buttes
	(PE OF WELL OIL WELL		GAS WELL 🗹 OTHER		ELL NAME and NUMBER: atural Buttes Unit 641-13E
2. N	AME OF OPERATOR:			ı	PI NUMBER:
EC	G Resources, Inc.				-047-50058
	DDRESS OF OPERATOR: 50 East Highway 40	, Ve	nal STATE UT ZIP 84078 PHONE NUMBER: (435) 781-9145	•	FIELD AND POOL, OR WILDCAT: atural Buttes
	OCATION OF WELL				
F	DOTAGES AT SURFACE: 990' F	NL	k 1184' FEL 39.953467 LAT 109.383108 LON	COU	мту: Uintah
Q	TR/QTR, SECTION, TOWNSHIP, RAN	GE, M	ERIDIAN: NENE 13 10S 22E S.L.B. & M.	STAT	TE: UTAH
11.	CHECK APPR	ROF	RIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, (OR OTHER DATA
	TYPE OF SUBMISSION		TYPE OF ACTION		
$\overline{}$	NOTICE OF INTENT		ACIDIZE DEEPEN		REPERFORATE CURRENT FORMATION
ш	NOTICE OF INTENT (Submit in Duplicate)		ALTER CASING FRACTURE TREAT		SIDETRACK TO REPAIR WELL
	Approximate date work will start:		CASING REPAIR NEW CONSTRUCTION		TEMPORARILY ABANDON
			CHANGE TO PREVIOUS PLANS OPERATOR CHANGE		TUBING REPAIR
			CHANGE TUBING PLUG AND ABANDON		VENT OR FLARE
1	SUBSEQUENT REPORT		CHANGE WELL NAME PLUG BACK		WATER DISPOSAL
	(Submit Original Form Only)		CHANGE WELL STATUS PRODUCTION (START/RESUME)		WATER SHUT-OFF
	Date of work completion:		COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	J	OTHER: Drilling Operations
			CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	_	
12.	DESCRIBE PROPOSED OR CO	MPL	ETED OPERATIONS. Clearly show all pertinent details including dates, depths, volum	es, etc	
No	activity has occurred s	ince	5/13/2009.		
NIA M	IE (PLEASE PRINT) Mickenzie	Tha	acker TITLE Operations Clerk	<u> </u>	
INMIV	111-11-1		5/20/2009		
SIGN	NATURE W NAMED	<u>ı</u>	DATE 5/20/2009		

(This space for State use only)

RECEIVED MAY 2 6 2009

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. Natural Buttes 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL 🔽 OIL WELL OTHER Natural Buttes Unit 641-13E 9. APLNUMBER: 2. NAME OF OPERATOR: 43-047-50058 EOG Resources, Inc. PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR STATE UT 71P 84078 **Natural Buttes** 1060 East Highway 40 (435) 781-9145 Vernal 4. LOCATION OF WELL FOOTAGES AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383108 LON COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 13 10S 22E S.L.B. & M. STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION DEEPEN REPERFORATE CURRENT FORMATION ACIDIZE NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON TUBING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE VENT OR FLARE CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT WATER DISPOSAL CHANGE WELL NAME PLUG BACK (Submit Original Form Only) PRODUCTION (START/RESUME) WATER SHUT-OFF CHANGE WELL STATUS Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE **OTHER:** Drilling Operations RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Waiting on completion operations. Please see the attached well chronology.

(This space for State use only)

NAME (PLEASE PRINT)

Mickenzie Thacker

HECEIVED

Operations Clerk

5/13/2009

DATE

MAY 18 2009

DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

Report Generated On: 05-13-2009

Well Name	NBU 641-13E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API#	43-047-50058	Well Class	COMP
County, State	UINTAH, UT	Spud Date	04-14-2009	Class Date	
Tax Credit	N	TVD/MD	7,125/ 7,125	Property #	062348
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	7,124/ 7,124
KB / GL Elev	5,301/5,288				
Location	Section 13, T10S, R22E, NEN	IE, 990 FNL & 1184	FEL		

DRILL & COMPLETE

Operator	EO	G RESOURC	ES, INC	WI %	66.6	67		NRI %		48.062	
AFE No		306020		AFE To	tal	1,275,135		DHC/0	CWC	567,	335/ 707,300
Rig Contr	ELE	ENBURG	Rig Nan	ne EL	ENBURG #28	Start Date	08-	-19-2008	Release	Date	04-18-2009
08-15-2008	R	eported By	S	SHEILA MAI	LLOY						
DailyCosts: Di	rilling	\$0		•	Completion	\$0		Dail	y Total	\$0	
Cum Costs: Di	rilling	\$0		(Completion	\$0		Well	l Total	\$0	
MD	0	TVD	0	Progress	s 0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR D	epth: 0.	0

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

990' FNL & 1184' FEL (NE/NE) SECTION 13, T10S, R22E UINTAH COUNTY, UTAH

LAT 39.953500, LONG 109.382428 (NAD 27) LAT 39.953467, LONG 109.383108 (NAD 83)

Description

ELENBURG #28

OBJECTIVE: 7125' TD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-08512-A

ELEVATION: 5296.9° NAT GL, 5288.4° PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5288°), 5301° KB

(13')

EOG WI 66.67%, NRI 48.061643%

03-23-2009 Reported By

TERRY CSERE

DailyCosts: Drilling	\$80,000	Completion	\$0		Daily Tota		
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD : 0.0	0	Perf:		PK	R Depth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descr	ription					
06:00 06:00	24.0 START LOCAT	ON TODAY 3/23/09.		-			
03-24-2009 Re	eported By TE	RRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD : 0.0	0	Perf:		PK	R Depth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descr	ription					
06:00 06:00	24.0 ROCKED OUT.	DRILLING ROCK.					
)3-25-2009 Re	eported By TE	RRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$ 0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD : 0.9	_	Perf :		PK	R Depth : 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descr	ription					
06:00 06:00	24.0 ROCKED OUT.						
03-26-2009 Re	eported By TE	RRY CSERE				***	
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$ 0	
Cum Costs: Drilling	000	6 14	ΦO				
	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	Well Total MW	\$80,000 0.0 Visc	0.0
MD 0		Progress 0		0	MW		0.0
MD 0 Formation:	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Time	TVD 0 PBTD : 0.0	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Time	TVD 0 PBTD: 0.0 me: BUILD LOCATION	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROO	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROO eported By TE	Progress 0 0 ription CK. RRY CSERE	Days	0	MW PK	0.0 Visc IR Depth : 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROO	Progress 0 0 ription CK. RRY CSERE Completion	Days Perf:	0	MW	0.0 Visc IR Depth : 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling	PBTD: 0.0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROC eported By TE \$0 \$80,000	Progress 0 ciption CK. RRY CSERE Completion Completion	Days Perf: \$0 \$0	0	MW PK Daily Total	0.0 Visc CR Depth : 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Descr 24.0 DRILLING ROC ported By TE \$0 \$80,000 TVD 0	Progress 0 o ciption CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0 Days		MW PK Daily Total Well Total	0.0 Visc CR Depth: 0.0 1 \$0 \$80,000 0.0 Visc	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation:	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Descr 24.0 DRILLING ROC eported By TE \$0 \$80,000 TVD 0 PBTD: 0.0	Progress 0 o ciption CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0		MW PK Daily Total Well Total	0.0 Visc IR Depth : 0.0	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin	PBTD: 0.0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Descr 24.0 DRILLING ROC ported By TE \$0 \$80,000 TVD 0 PBTD: 0.0 me: BUILD LOCATION	Progress 0 0 ription CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0 Days		MW PK Daily Total Well Total	0.0 Visc CR Depth: 0.0 1 \$0 \$80,000 0.0 Visc	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation:	PBTD: 0.0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROC Pported By TE \$0 \$80,000 TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description	Progress 0 0 ription CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0 Days Perf:		MW PK Daily Total Well Total	0.0 Visc CR Depth: 0.0 1 \$0 \$80,000 0.0 Visc	

\$0 Completion \$0 **Daily Total** DailyCosts: Drilling \$0 \$80,000 \$0 Well Total \$80,000 Completion **Cum Costs: Drilling** 0.0 TVD 0 **Progress** Days 0 MW0.0 Visc MD PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: LOCATION BUILD **Activity Description** Start End Hrs 24.0 SHOOT WEDNESDAY. 06:00 06:00 TERRY CSERE 03-31-2009 Reported By \$0 \$0 **Daily Total** \$0 Completion DailyCosts: Drilling Well Total \$80,000 \$80,000 Completion \$0 **Cum Costs: Drilling** 0.0 0 MW 0.0 Visc TVD 0 MD **Progress Days** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION Start End Hrs **Activity Description** 06:00 24.0 SHOOT TOMORROW. 06:00 04-01-2009 Reported By TERRY CSERE \$0 **Daily Total** \$0 DailyCosts: Drilling \$0 Completion \$80,000 \$80,000 Completion \$0 Well Total **Cum Costs: Drilling** 0 0.0 0.0 0 MWVisc TVD 0 Days MD **Progress** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION **Activity Description** Hrs Start End 06:00 24.0 SHOOTING TODAY. 06:00 TERRY CSERE Reported By 04-02-2009 \$0 \$0 \$0 **Daily Total** DailyCosts: Drilling Completion \$80,000 \$0 Well Total \$80,000 Completion **Cum Costs: Drilling** 0 0.0 Visc 0.0 MD TVD **Progress** Days MWPKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION **Activity Description** Start End 24.0 PUSHING OUT PIT & LOCATION. 06:00 06:00 TERRY CSERE/KENT DEVENPORT Reported By 04-03-2009 **Daily Total** \$0 \$0 \$0 Completion DailyCosts: Drilling \$0 **Well Total** \$80,000 \$80,000 Completion **Cum Costs: Drilling** 0 0.0 0.0 60 MW Visc 60 TVD **Progress** Days MD PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION/SPUD NOTIFICATION **Activity Description** Start End Hrs 24.0 STARTING CLOSED LOOP SYSTEM, CRAIGS ROUSTABOUT SERVICE TO SPUD A 20" HOLE ON 4/4/09 @ 09:00 06:00 06:00 AM. SET ±60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/2/09 @ 11:10 AM.

04-06-200	9 Re	ported By	Т	ERRY CSERE							
DailyCosts		\$0		Con	npletion	\$0		Dail	y Total	\$0	
Cum Costs		\$80,00	0		npletion	\$0			Total	\$80,000	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	:		PBTD : (-		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: LOCATIO	N BUILD								
Start	End	Hrs Act	ivity Des	cription							
06:00	06:00	24.0 LOC	CATION C	OMPLETE.							
04-13-200	9 Re	ported By	P	ETE COMEAU							
DailyCosts	: Drilling	\$201,3	06	Con	npletion	\$0		Dail	y Total	\$201,306	
Cum Costs	: Drilling	\$281,3	06	Con	npletion	\$0		Well	Total	\$281,306	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	:		PBTD : (0.0		Perf:			PKR De	pth: 0.0	
Activity at	Report Tir	me: COMPLE	TING TOP	JOBS							
Start	End	Hrs Acti	vity Des	cription							
		MIR VAL PUM SX (DISI CHE	U HALLII VE TO 200 IPED 160 84 BBLS) PLACED C ICKED FL JOB #1: N PPG W/Y	60'. FLUID DRI (236.00') OF 9-5 ENTRALIZERS) NOT RUN 1" P BURTON CEME (00 PSIG. BBLS WATER & OF PREMIUM (CEMENT W/169 OAT, FLOAT HI MIXED & PUMF IELD OF 1.15 C MIXED AND PU IELD OF 1.15 C	5/8", 36.0# SPACED I IPE, RDM ENTERS. H & 20 BBLS CEMENT .4 BBLS F ELD. SHU PED 100 S. F/SX. NO	, J–55, ST&C (MIDDLE OF S O AIR RIG. IELD SAFETY GELLED WA W/2% CACL2 RESH WATER T–IN CASING X (21 BBLS) C RETURNS. W O SX (32 BBLS RETURNS. W	CASING WEHOE JOIN MEETING TER FLUS MIXED C R. BUMPEL G VALVE. N OF PREMIU OC 4 HRS. S) OF PREM OC 3 HOU	ITH HALLI T AND EVE G. PRESSUR H AHEAD C EMENT @ 1 O PLUG W/81 IO RETURN IM CEMENT	BURTON GU RY COLLAR E TESTED L OF CEMENT. 15.6 PPG W/Y 00 PSI @ 10:1 S. F W/2% CACI	IDE SHOE AND TILL GONE. I INES AND CEN MIXED & PUM TELD OF 1.18 (17 AM, 4/13/20) LZ. MIXED CEN	ANDED @ MENT IPED 400 CF/SX. 199. MENT @ CEMENT @

04-14-2009	Reported By	MATT WILLIAMS				
DailyCosts: Drilli	ing \$43,143	Completion	\$0	Daily Total	\$43,143	

JOB ON 4/10/2009 @ 10:00 AM.

KENT DEVENPORT NOTIFIED BLM VIA ELECTRONIC FORM W/ BLM OF THE SURFACE CASING & CEMENT

Well Total \$324,449 **Cum Costs: Drilling** \$324,449 Completion \$0 2,263 0 MW0.0 Visc 0.0 MD TVD 2,263 Davs **Progress** PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf: Activity at Report Time: R/D PREPARE FOR RIG MOVE. **Activity Description** Start End Hrs 24.0 RIG DOWN AND PREPARE FOR RIG MOVE. 06:00 06:00 ACCIDENTS NONE REPORTED. SAFETY MEETING: RIG MAINTENANCE. CREWS FULL. FUEL ON HAND: 400 GALS TRANSFERRED FROM NBU 642–13E MATT WILLIAMS/JESSE TAMAN 04-15-2009 Reported By \$71,890 DailyCosts: Drilling **Daily Total** \$71,890 Completion \$0 \$396,339 \$0 Well Total \$396,339 Completion **Cum Costs: Drilling** 0.0 0.0 3,354 1,105 MW Visc MD TVD 3,354 **Progress** Days PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf: Activity at Report Time: DRILLING 3354' **Activity Description** Start End 1.0 CONTINUE TO RIG DOWN FOR RIG MOVE TO NBU 641-13E 06:00 07:00 4.0 SAFETY MEETING W/ HOWCROFT & RIG HANDS, MOVE & RIG UP ON NEW LOCATION NBU 641-13E, .5 11:00 07:00 MILES. SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP, CONTINUE RIGING UP. INSTALL NIGHT CAP ON NBU 642-13E W/FMC. 14:00 3.0 NIPPLE UP BOP, FLAIR LINES, FUNCTION TEST BOP, RIG ON DAY WORK @ 11:00 HRS, 04/14/09 11:00 3.5. TEST BOP AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, 14:00 17:30 LOWER KELLY, FLOOR VALVE & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH. TESTED ANNULAR 250 PSI LOW & 2500 PSI HIGH. 18:00 0.5 INSTALL WEAR BUSHING. 17:30 1.5 PICK UP DRILL STRING TAG CEMENT @ 2171'. 18:00 19:30 1.0 DRILL CEMENT, FLOAT & SHOE F/2171' - 2273'. 20:30 19:30 0.5 RUN FIT TEST @2249' WITH 9.1 PPG MUD & 170 PSI = 10.1 PPG EMW. 21:00 20:30 0.5 SURVEY @ 2221' = 1 DEG. 21:00 21:30 7.5 DRILL ROTATE 2259' - 3263', 10-18K WOB, 55/68, 120 SPM, 409 GPM, 150-300 PSI DIFF, 133 FPH. 05:00 21:30 0.5 SURVEY @ 3263' - 1.5 DEG. 05:00 05:30 0.5 DRILL ROTATE 3263' - 3354', 10-18K WOB, 55/68, 120 SPM, 409 GPM, 150-300 PSI DIFF, 182 FPH. 05:30 06:00 SAFETY MEETING ON MOVING RIG & PRESSURE TESTING BOP. WEATHER IS CLEAR & TEMP IS 40 DEG. FULL CREWS & NO ACCIDENTS. COM OK FUEL 3739 GAL. FORMATION MAHOGAN.

06:00 **04-16-2009**

Reported By

JESSE TAMAN

MUD WT 9.1 PPG & 34 VIS.

SPUD A 7 7/8" HOLE WITH ROTARY TOOL @ 20:30 HRS, 4/14/09.

DailyCost	s: Drilling	\$	121,009	Cor	mpletion	\$0		Dail	ly Total	\$121,009	
Cum Cost	s: Drilling	\$:	517,348	Cor	mpletion	\$0		Wel	l Total	\$517,348	
MD	5,759	TVD	5,759	Progress	2,405	Days	2	MW	10.5	Visc	36.0
Formation	ı :		PBTD : 0	0.0		Perf:			PKR De _l	pth: 0.0	
Activity a	t Report Tiı	me: DRII	LING @ 5759'								
Start	End	Hrs	Activity Desc	ription							
06:00	09:30	3.5	DRILL ROTAT	E 3354' – 3890	', 14–20K	WOB, 55/68, 1	20 SPM, 40	09 GPM, 150	–300 PSI DIFI	F, 153 FPH.	
			MUD WT 10.0	PPG & 36 VIS.							
09:30	10:00	0.5	SURVEY 2822	' = 2.75 DEG.							
			SERVICE RIG								
10:00	06:00	20.0	DRILL ROTAT	E 3890' – 5759	', 14–20K	WOB, 55/68, 1	20 SPM, 40	09 GPM , 150	–300 PSI DIFI	F, 93 FPH.	
			SAFETY MEE	TING ON MAI	KING CON	NECTION &	TEAM WO	RK.			
			WEATHER IS	CLEAR & TEM	1P IS 32 DI	EG.					
			FULL CREWS	& NO ACCIDI	ENTS.						
			COM OK.								
			FUEL 2463 GA	L.							
			FORMATION I	BUCK CANYO	N.						
			MUD WT 10.5	PPG & 36 VIS.							
)4-17-20	09 Re	ported F	By JE	ESSE TAMAN							
DailyCost	s: Drilling	\$3	37,358	Cor	npletion	\$0		Dail	ly Total	\$37,358	
Cum Cost	s: Drilling	\$:	554,706	Con	npletion	\$0		Wel	l Total	\$554,706	
MD	7,125	TVD	7,125	Progress	1,366	Days	3	MW	11.0	Visc	38.0
Formation	ı:		PBTD : 0	0.0		Perf:			PKR De _l	pth: 0.0	
Activity at	Report Ti	ne: SHO	RT TRIP								
Start	End	Hrs	Activity Desc	ription							
06:00	12:30		DRILL ROTAT	-	'. 14–22K V	WOB. 55/68. 1	20 SPM. 40	09 GPM, 150	-300 PSI DIFI	F, 76 FPH.	
12:30	13:00		SERVICE RIG.		,	.,,, .	,				
13:00	04:45		DRILL ROTAT		'. 14–22K ^v	WOB, 55/68, 1	20 SPM, 40	09 GPM, 150	-300 PSI DIFI	F, 55 FPH. REA	CHED T
15.00	01.15	15175	@ 04:45 HRS,		,	, , , , , , , , , , , , , , , , , , , ,	,	,			
04:45	05:30	0.75	CIRCULATE F	OR SHORT TE	RIP.						
05:30	06:00	0.5	WIPER TRIP, S	SHORT TRIP 20) JOINTS.						
			SAFETY MEE	TING ON OPE	RATING F	ORKLIFT & T	RIP HAZA	RDS.			

04-18-2009 Reported By		JESSE TAMAN						
DailyCosts: Drilli	ng \$23,839	Completion	\$4,224	Daily Total	\$28,063			
Cum Costs: Drilli	ng \$578,546	Completion	\$4,224	Well Total	\$582,770			

FULL CREWS & NO ACCIDENTS.

FORMATION PRICE RIVER. MUD WT 11.0 PPG & 38 VIS.

COM OK. FUEL 1318 GAL.

 MD
 7,125
 TVD
 7,125
 Progress
 0
 Days
 4
 MW
 10.9
 Visc
 35.0

 Formation:
 PBTD: 0.0
 Perf:
 PKR Depth: 0.0

Activity at Report Time: CIRCULATING FOR CEMENT

•	-		
Start	End	Hrs	Activity Description
06:00	07:30	1.5	WIPER TRIP, SHORT TRIP 20 STANDS.
07:30	09:00	1.5	CIRCULATE FOR LAYING DOWN DRILL STRING.
09:00	19:00	10.0	LAYDOWN DRILL STRING & WORK TIGHT HOLE F/5100' – 2400'.
19:00	21:00	2.0	RIG UP CASING CREW & HOLD SAFETY MEETING RUNNING CASING.
21:00	06:00	9.0	RAN 176 TOTAL JOINTS (176 FULL JOINTS + 2 MARKER JOINTS & 1 PUP JOINT) OF 4.5", 11.6#, HCP-110, LT&C CASING AS FOLLOWS: 1 WEATHERFORD FLOAT SHOE SET @ 7124', 1 JOINT OF CASING, 1 WEATHERFORD FLOAT COLLAR SET @ 7082', 28 JOINTS OF CASING,1-21' MARKER JOINT SET @ 5947' - 5967', 32 JOINTS OF CASING, 1-22' PUP JOINT SET @ 4649' - 4670', 24 JOINTS OF CASING & 1-11' MARKER JOINT SET @ 3658' - 3669', 91 JOINTS OF CASING & 1 CASING HANGER ASSEMBLY. RUN 15 TOTAL CENTRALIZERS AS FOLLOWS, 5' ABOVE SHOE ON JOINT #1 & ON TOP OF JOINT #2, THEN EVERY 2ND JOINT TO JOINT #28 @ 5813', CONFIRMED TD WITH CASING, TAGGING AT 7125' WITH JOINT #177. SET CASING IN MANDREL HANGER WITH FULL STRING WEIGHT. (64,000# WITHOUT BLOCK WEIGHT).

SAFETY MEETING ON LAYING DOWN DRILL STRING & RUNNING CASING.

WEATHER IS PARTLY CLOUDY & TEMP IS 36 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 782 GAL.

FORMATION PRICE RIVER.

MUD WT 11.0 PPG & 38 VIS.

04-19-2009	Re	ported By	JE	ESSE TAMAN							
DailyCosts: 1	Drilling	\$50,	199	Con	npletion	\$139,617		Daily	Total	\$189,816	
Cum Costs:	Drilling	\$628	3,745	Con	npletion	\$143,841		Well '	Total	\$772,586	
MD	7,125	TVD	7,125	Progress	0	Days	5	MW	0.0	Visc	0.0
Formation :			PBTD : 0	0.0		Perf:			PKR De _l	oth: 0.0	

Activity at Report Time: RDRT/WO COMPLETION

08:00

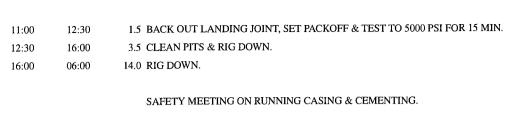
10:00

11:00

Start	End	Hrs	Activity Description
06:00	08:00	2.0	CIRCULATE FOR CEMENT.
			HOLD SAFETY MEETING ON CEMENTING.

2.0 RIGGED UP CEMENT HEAD, PRESSURE TESTED LINES TO 4000 PSI & CEMENT 4 1/2" PRODUCTION CASING AS FOLLOWS:PUMPED 10 BBLS FRESH WATER, PUMPED 20 BBLS MUD FLUSH SPACER. PUMPED 10 BBLS FRESH WATER, PUMPED 380 SACKS (121.3 BBLS) OF HIGHBOND 75 PREMIUM – CLASS G CEMENT WITH 2% BENTONITE, 2 MICROBOND, 3% VERSASET @ 12.00 PPG, 1.837 CFPS, 9.863 GPS FRESH WATER. PUMPED LEAD CEMENT @ 4 BPM & 675 PSI. PUMPED 920 SACKS (238.8 BBLS) EXTENDACEM (TM) SYSTEM PREMIUM – CLASS G CEMENT WITH .125 LBM/SK POLY-E-FLAKE (LOST CIRCULATION ADDITIVE), 2% BENTONITE, 75% HALAD (R)-322, 3% POTASSIUM CHLORIDE– KCL, 3 LBM SILICATE – COMPACTED, .2% WG-17, 13.50 PPG, 1.47 CFPS, 6.98 GPS FRESH WATER. PUMPED TAIL CEMENT @ 6 BPM & 300 PSI. DISPLACED WITH TOTAL OF 110 BBLS FRESH WATER. FIRST 60 BBLS DISPLACEMENT @ 6.5 BPM & 800–2200 PSI, PUMPED 2ND 10 BBLS DISPLACEMENT @ 4 BPM & 2100 PSI, 10 BBLS SHY OF BUMPING PLUG, REDUCED DISPLACEMENT RATE TO 2 BPM & 2050 PSI. BUMPED PLUG WITH 3100 PSI @ 10:00 HOURS, CHECKED FLOATS & FLOATS HELD. FULL RETURNS. (10 BBLS CEMENT TO SURFACE).

1.0 RIG DOWN CEMENTERS.



FULL CREWS & NO ACCIDENTS.

COM OK.

TRANSFER 350 GAL OF DIESEL FUEL @ \$2.03/GAL

TRANSFER 5 JOINTS 203.59' OF 4.5" P-110, 11.6#, LTC CASING TO CWU 743-2

MOVING RIG 12 MILES TO CWU 743–2 TRUCKS SCHEDULED FOR 04/19/2009.

06:00

RELEASED RIG @ 16:00 HRS, 04/18/2009.

CASING POINT COST \$599,893

Formation: PBTI		PBTD :	7083.0		Perf:			PKR Dep	oth: 0.0	
MD 7,1	25 TVI	7,125	Progress	0	Days	6	MW	0.0	Visc	0.0
Cum Costs: Drill	U	\$628,745		mpletion	\$181,141		Well 7		\$809,886	
DailyCosts: Drill	ing	\$0	Co	mpletion	\$37,300		Daily	Total	\$37,300	
04-29-2009	Reporte	d By	SEARLE							

Activity at Report Time: PREP FOR FRACS

Start End Hrs Activity Description

06:00 06:00 24.0 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 360'. EST CEMENT TOP @ 570'.

RD SCHLUMBERGER.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

	1	DIV	i .	ASE DESIGNATION AND SERIAL NUMBER:	
	SUNDRY	N	OTICES AND REPORTS ON WELLS	6. IF	INDIAN, ALLOTTEE OR TRIBE NAME:
Do a	not use this form for proposals to drill n	ew we	is, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		NIT or CA AGREEMENT NAME: atural Buttes
	(PE OF WELL OIL WELL		GAS WELL 🗹 OTHER		ELL NAME and NUMBER: atural Buttes Unit 641-13E
2. N	AME OF OPERATOR:			ı	PI NUMBER:
EC	G Resources, Inc.				-047-50058
	DDRESS OF OPERATOR: 50 East Highway 40	, Ve	nal STATE UT ZIP 84078 PHONE NUMBER: (435) 781-9145	•	FIELD AND POOL, OR WILDCAT: atural Buttes
	OCATION OF WELL				
F	DOTAGES AT SURFACE: 990' F	NL	k 1184' FEL 39.953467 LAT 109.383108 LON	COU	мту: Uintah
Q	TR/QTR, SECTION, TOWNSHIP, RAN	STAT	TE: UTAH		
11.	CHECK APPR	RT, (OR OTHER DATA		
	TYPE OF SUBMISSION		TYPE OF ACTION		
$\overline{}$	NOTICE OF INTENT		ACIDIZE DEEPEN		REPERFORATE CURRENT FORMATION
ш	NOTICE OF INTENT (Submit in Duplicate)		ALTER CASING FRACTURE TREAT		SIDETRACK TO REPAIR WELL
	Approximate date work will start:		CASING REPAIR NEW CONSTRUCTION		TEMPORARILY ABANDON
			CHANGE TO PREVIOUS PLANS OPERATOR CHANGE		TUBING REPAIR
			CHANGE TUBING PLUG AND ABANDON		VENT OR FLARE
1	SUBSEQUENT REPORT		CHANGE WELL NAME PLUG BACK		WATER DISPOSAL
	(Submit Original Form Only)		CHANGE WELL STATUS PRODUCTION (START/RESUME)		WATER SHUT-OFF
	Date of work completion:		COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	J	OTHER: Drilling Operations
			CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	_	
12.	DESCRIBE PROPOSED OR CO	MPL	ETED OPERATIONS. Clearly show all pertinent details including dates, depths, volum	es, etc	
No	activity has occurred s	ince	5/13/2009.		
NIA M	IE (PLEASE PRINT) Mickenzie	Tha	acker TITLE Operations Clerk	<u> </u>	
INMIV	111-11-1		5/20/2009		
SIGN	NATURE W NAMED	<u>ı</u>	DATE 5/20/2009		

(This space for State use only)

RECEIVED MAY 2 6 2009

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: U08512AST 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. Natural Buttes 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL 🔽 OIL WELL OTHER Natural Buttes Unit 641-13E 9. APLNUMBER: 2. NAME OF OPERATOR: 43-047-50058 EOG Resources, Inc. PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR STATE UT 71P 84078 **Natural Buttes** 1060 East Highway 40 (435) 781-9145 Vernal 4. LOCATION OF WELL FOOTAGES AT SURFACE: 990' FNL & 1184' FEL 39.953467 LAT 109.383108 LON COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 13 10S 22E S.L.B. & M. STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION DEEPEN REPERFORATE CURRENT FORMATION ACIDIZE NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON TUBING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE VENT OR FLARE CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT WATER DISPOSAL CHANGE WELL NAME PLUG BACK (Submit Original Form Only) PRODUCTION (START/RESUME) WATER SHUT-OFF CHANGE WELL STATUS Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE **OTHER:** Drilling Operations RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Waiting on completion operations. Please see the attached well chronology.

(This space for State use only)

NAME (PLEASE PRINT)

Mickenzie Thacker

HECEIVED

Operations Clerk

5/13/2009

DATE

MAY 18 2009

DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

Report Generated On: 05-13-2009

Well Name	NBU 641-13E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API#	43-047-50058	Well Class	COMP
County, State	UINTAH, UT	Spud Date	04-14-2009	Class Date	
Tax Credit	N	TVD/MD	7,125/ 7,125	Property #	062348
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	7,124/ 7,124
KB / GL Elev	5,301/5,288				
Location	Section 13, T10S, R22E, NEN	IE, 990 FNL & 1184	FEL		

DRILL & COMPLETE

Operator	EO	G RESOURC	ES, INC	WI %	66.6	67		NRI %		48.062	
AFE No		306020		AFE To	tal	1,275,135		DHC/0	CWC	567,	335/ 707,300
Rig Contr	ELE	ENBURG	Rig Nan	ne EL	ENBURG #28	Start Date	08-	-19-2008	Release	Date	04-18-2009
08-15-2008	R	eported By	S	SHEILA MAI	LLOY						
DailyCosts: Di	rilling	\$0		•	Completion	\$0		Dail	y Total	\$0	
Cum Costs: Di	rilling	\$0		(Completion	\$0		Well	l Total	\$0	
MD	0	TVD	0	Progress	s 0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR D	epth: 0.	0

Activity at Report Time: LOCATION DATA

1.0

Event No

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

990' FNL & 1184' FEL (NE/NE) SECTION 13, T10S, R22E UINTAH COUNTY, UTAH

LAT 39.953500, LONG 109.382428 (NAD 27) LAT 39.953467, LONG 109.383108 (NAD 83)

Description

ELENBURG #28

OBJECTIVE: 7125' TD, MESAVERDE

DW/GAS

NATURAL BUTTES PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-08512-A

ELEVATION: 5296.9° NAT GL, 5288.4° PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5288°), 5301° KB

(13')

EOG WI 66.67%, NRI 48.061643%

03-23-2009 Reported By

TERRY CSERE

DailyCosts: Drilling	\$80,000	Completion	\$0		Daily Tota		
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD : 0.0	0	Perf:		PK	R Depth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descr	ription					
06:00 06:00	24.0 START LOCAT	ON TODAY 3/23/09.		-			
03-24-2009 Re	eported By TE	RRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Tota	\$0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD : 0.0	0	Perf:		PK	R Depth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descr	ription					
06:00 06:00	24.0 ROCKED OUT.	DRILLING ROCK.					
)3-25-2009 Re	eported By TE	RRY CSERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$ 0	
Cum Costs: Drilling	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
Formation :	PBTD : 0.9	_	Perf :		PK	R Depth : 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Descr	ription					
06:00 06:00	24.0 ROCKED OUT.						
03-26-2009 Re	eported By TE	RRY CSERE				***	
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$ 0	
Cum Costs: Drilling	000	6 14	ΦO				
	\$80,000	Completion	\$0		Well Total	\$80,000	
MD 0	TVD 0	Progress 0	Days	0	Well Total MW	\$80,000 0.0 Visc	0.0
MD 0		Progress 0		0	MW		0.0
MD 0 Formation:	TVD 0	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Time	TVD 0 PBTD : 0.0	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Time	TVD 0 PBTD: 0.0 me: BUILD LOCATION	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROO	Progress 0	Days	0	MW	0.0 Visc	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROO eported By TE	Progress 0 0 ription CK. RRY CSERE	Days	0	MW PK	0.0 Visc IR Depth : 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROO	Progress 0 0 ription CK. RRY CSERE Completion	Days Perf:	0	MW	0.0 Visc IR Depth : 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re DailyCosts: Drilling Cum Costs: Drilling	PBTD: 0.0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROC eported By TE \$0 \$80,000	Progress 0 ciption CK. RRY CSERE Completion Completion	Days Perf: \$0 \$0	0	MW PK Daily Total	0.0 Visc CR Depth : 0.0	0.0
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Descr 24.0 DRILLING ROC ported By TE \$0 \$80,000 TVD 0	Progress 0 o ciption CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0 Days		MW PK Daily Total Well Total	0.0 Visc CR Depth: 0.0 1 \$0 \$80,000 0.0 Visc	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation:	TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Descr 24.0 DRILLING ROC eported By TE \$0 \$80,000 TVD 0 PBTD: 0.0	Progress 0 o ciption CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0		MW PK Daily Total Well Total	0.0 Visc IR Depth : 0.0	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation: Activity at Report Tin	PBTD: 0.0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Descr 24.0 DRILLING ROC ported By TE \$0 \$80,000 TVD 0 PBTD: 0.0 me: BUILD LOCATION	Progress 0 0 ription CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0 Days		MW PK Daily Total Well Total	0.0 Visc CR Depth: 0.0 1 \$0 \$80,000 0.0 Visc	
MD 0 Formation: Activity at Report Tin Start End 06:00 06:00 03-27-2009 Re Daily Costs: Drilling Cum Costs: Drilling MD 0 Formation:	PBTD: 0.0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description 24.0 DRILLING ROC Pported By TE \$0 \$80,000 TVD 0 PBTD: 0.0 me: BUILD LOCATION Hrs Activity Description	Progress 0 0 ription CK. RRY CSERE Completion Completion Progress 0	Days Perf: \$0 \$0 Days Perf:		MW PK Daily Total Well Total	0.0 Visc CR Depth: 0.0 1 \$0 \$80,000 0.0 Visc	

\$0 Completion \$0 **Daily Total** DailyCosts: Drilling \$0 \$80,000 \$0 Well Total \$80,000 Completion **Cum Costs: Drilling** 0.0 TVD 0 **Progress** Days 0 MW0.0 Visc MD PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: LOCATION BUILD **Activity Description** Start End Hrs 24.0 SHOOT WEDNESDAY. 06:00 06:00 TERRY CSERE 03-31-2009 Reported By \$0 \$0 **Daily Total** \$0 Completion DailyCosts: Drilling Well Total \$80,000 \$80,000 Completion \$0 **Cum Costs: Drilling** 0.0 0 MW 0.0 Visc TVD 0 MD **Progress Days** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION Start End Hrs **Activity Description** 06:00 24.0 SHOOT TOMORROW. 06:00 04-01-2009 Reported By TERRY CSERE \$0 **Daily Total** \$0 DailyCosts: Drilling \$0 Completion \$80,000 \$80,000 Completion \$0 Well Total **Cum Costs: Drilling** 0 0.0 0.0 0 MWVisc TVD 0 Days MD **Progress** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION **Activity Description** Hrs Start End 06:00 24.0 SHOOTING TODAY. 06:00 TERRY CSERE Reported By 04-02-2009 \$0 \$0 \$0 **Daily Total** DailyCosts: Drilling Completion \$80,000 \$0 Well Total \$80,000 Completion **Cum Costs: Drilling** 0 0.0 Visc 0.0 MD TVD **Progress** Days MWPKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION **Activity Description** Start End 24.0 PUSHING OUT PIT & LOCATION. 06:00 06:00 TERRY CSERE/KENT DEVENPORT Reported By 04-03-2009 **Daily Total** \$0 \$0 \$0 Completion DailyCosts: Drilling \$0 **Well Total** \$80,000 \$80,000 Completion **Cum Costs: Drilling** 0 0.0 0.0 60 MW Visc 60 TVD **Progress** Days MD PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation: Activity at Report Time: BUILD LOCATION/SPUD NOTIFICATION **Activity Description** Start End Hrs 24.0 STARTING CLOSED LOOP SYSTEM, CRAIGS ROUSTABOUT SERVICE TO SPUD A 20" HOLE ON 4/4/09 @ 09:00 06:00 06:00 AM. SET ±60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/2/09 @ 11:10 AM.

DailyCosts: Drilling

\$43,143

DanyCos	ta Drillin ~	\$0		Com	mlation	\$0		Dell	ly Total	\$0	
•	sts: Drilling	\$0,0	inn		pletion pletion	\$0 \$0			ly Total l Total	\$80,000	
	sts: Drilling 60		60		0		0	MW	0.0	Visc	0.0
MD Formatio		TVD	PBTD:	Progress	U	Days Perf :	U	141 44	PKR De		0.0
	on : at Report Ti	me: LOCATI				1 611 .			I KK DC	ptn . 0.0	
Start	End		tivity Des								
06:00	06:00		•	OMPLETE.							
04-13-20	- APPA	eported By		ETE COMEAU							
	ts: Drilling	\$201,			pletion	\$0		Dail	y Total	\$201,306	
•	sts: Drilling	\$281,			pletion	\$0			l Total	\$281,306	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio			PBTD:	Ü		Perf:			PKR De	pth: 0.0	
	at Report Ti	me: COMPL	ETING TO	P JOBS					•		
Start	End	Hrs Ac	tivity Des	cription							
06:00	06:00	24.0 MI	RU CRAIG	'S AIR RIG #2 O							ERED
				60'. FLUID DRII							
				2236.00') OF 9–5 ENTRALIZERS							
				NOT RUN 1" PI							
		VA	LVE TO 20		NTERS. H	IELD SAFETY					
		VA PU SX DIS	LVE TO 20 MPED 160 (84 BBLS) SPLACED (NTERS. F 20 BBLS CEMENT 4 BBLS F	IELD SAFETY GELLED WA W/2% CACL2 RESH WATER	TER FLUS . MIXED C BUMPEI	H AHEAD C EMENT @ : D PLUG W/8	OF CEMENT. 15.6 PPG W/Y 00 PSI @ 10:1	MIXED & PUM TELD OF 1.18 (IPED 400 CF/SX.
		VA PU SX DIS CH	LVE TO 20 MPED 160 (84 BBLS) SPLACED 0 ECKED FL	00 PSIG. BBLS WATER & OF PREMIUM C CEMENT W/169.	NTERS. F 20 BBLS CEMENT 4 BBLS F ELD. SHU' ED 100 S	GELLED WA W/2% CACL2 RESH WATER T-IN CASING	TER FLUS . MIXED C . BUMPEI S VALVE. N OF PREMIU	H AHEAD C EMENT @ D PLUG W/8 IO RETURN UM CEMEN	DF CEMENT. 15.6 PPG W/Y 00 PSI @ 10:1 IS.	MIXED & PUM TELD OF 1.18 (17 AM, 4/13/200	IPED 400 CF/SX.
		VA PU SX DIS CH TO 15.3	LVE TO 20 MPED 160 (84 BBLS) SPLACED 0 ECKED FI P JOB #1: 1 8 PPG W/Y	00 PSIG. BBLS WATER & OF PREMIUM (CEMENT W/169. OAT, FLOAT HE MIXED & PUMP	NTERS. F 2 20 BBLS CEMENT 4 BBLS F ELD. SHU ED 100 ST F/SX. NO	GELLED WA W/2% CACL2 RESH WATER T-IN CASING X (21 BBLS) C RETURNS. W	TER FLUS MIXED C BUMPEI VALVE. N F PREMIU OC 4 HRS.	H AHEAD C EMENT @ D PLUG W/8 IO RETURN UM CEMEN'	DF CEMENT. 15.6 PPG W/Y 100 PSI @ 10:1 IS. IT W/2% CACI	MIXED & PUM TELD OF 1.18 (7 AM, 4/13/200	IPED 400 CF/SX. 19. MENT @
		VA PU SX DIS CH TO: 15.3	LVE TO 20 MPED 160 (84 BBLS) SPLACED 0 ECKED FI P JOB #1: 1 8 PPG W/Y P JOB #2: 1 8 PPG W/Y	00 PSIG. BBLS WATER & OF PREMIUM C CEMENT W/169. OAT, FLOAT HE MIXED & PUMP IELD OF 1.15 CI	NTERS. F 20 BBLS. CEMENT 4 BBLS F ELD. SHU ED 100 S. F/SX. NO MPED 150 F/SX. NO BBL'S) OI	GELLED WA W/2% CACL2 RESH WATER T-IN CASING X (21 BBLS) C RETURNS. W D SX (32 BBLS RETURNS. W	TER FLUS MIXED C BUMPEL VALVE. N OF PREMIU OC 4 HRS. OF PREM OC 3 HOU CEMENT W	H AHEAD C EMENT @ D PLUG W/8 NO RETURN UM CEMENT MIUM CEMI RS.	DF CEMENT. 15.6 PPG W/Y 100 PSI @ 10:1 IS. IT W/2% CACI ENT W/2% C	MIXED & PUM TELD OF 1.18 (17 AM, 4/13/200 1.2. MIXED CEI ACL2. MIXED (MENT @ 15.8 P	IPED 400 CF/SX. 19. MENT @ CEMENT
		VA PU SX DIS CH TO. 15.3 TO. 15.4	LVE TO 20 MPED 160 (84 BBLS) SPLACED 0 ECKED FI P JOB #1: 1 8 PPG W/Y P JOB #2: 1 8 PPG W/Y P JOB #3: 1 ELD OF 1.1	00 PSIG. BBLS WATER & OF PREMIUM (CEMENT W/169. OAT, FLOAT HE MIXED & PUMP IELD OF 1.15 CI MIXED AND PUI IELD OF 1.15 CI MIXED OF 1.15 CI	NTERS. F 2 20 BBLS CEMENT 4 BBLS F ELD. SHU ED 100 SI F/SX. NO MPED 150 F/SX. NO BBL'S) OF RETURN	GELLED WAW/2% CACL2 RESH WATER T-IN CASING X (21 BBLS) CRETURNS. W D SX (32 BBLS RETURNS. W F PREMIUM CED FLUID AT	TER FLUS MIXED C BUMPEI VALVE. N OF PREMIU OC 4 HRS. OF OF PREM OC 3 HOU CEMENT W 11 BBL'S	H AHEAD C EMENT @ D PLUG W/8 IO RETURN UM CEMENT MIUM CEMI RS.	DF CEMENT. 15.6 PPG W/Y 100 PSI @ 10:1 IS. IF W/2% CACI ENT W/2% CACI . MIXED CEM STOOD FUL	MIXED & PUM TELD OF 1.18 (17 AM, 4/13/200 1.2. MIXED CEI ACL2. MIXED (MENT @ 15.8 P	IPED 400 CF/SX. 19. MENT @ CEMENT
		VA PUSX DIS CH TO: 15.3 TO: 15.4 TO: YIE	LVE TO 20 MPED 160 (84 BBLS) SPLACED 0 ECKED FI P JOB #1: 1 8 PPG W/Y P JOB #2: 1 8 PPG W/Y P JOB #3: 1 ELD OF 1.1	00 PSIG. BBLS WATER & OF PREMIUM (CEMENT W/169. OAT, FLOAT HE MIXED & PUMP IELD OF 1.15 CI MIXED AND PUI IELD OF 1.15 CI MIX 100 SX (21 II 5 CF/SX. WELL	NTERS. F 2 20 BBLS CEMENT 4 BBLS F ELD. SHU ED 100 S. F/SX. NO MPED 156 F/SX. NO BBL'S) OI RETURN ROTARY	GELLED WAW/2% CACL2 RESH WATER T-IN CASING X (21 BBLS) C RETURNS. W D SX (32 BBLS RETURNS. W F PREMIUM C ED FLUID AT	TER FLUS MIXED C L. BUMPEL VALVE. N OF PREMIU OC 4 HRS. OC 3 HOU CEMENT W 11 BBL'S	H AHEAD CEMENT @ DPLUG W/8 NO RETURN UM CEMENT MIUM CEMIRS. 1/ 2% CACL AWAY AND	DF CEMENT. 15.6 PPG W/Y 100 PSI @ 10:1 IS. IT W/2% CACI ENT W/2% CACI . MIXED CEM STOOD FUL	MIXED & PUM TELD OF 1.18 (17 AM, 4/13/200 1.2. MIXED CENT ACL2. MIXED (MENT @ 15.8 PM L.	IPED 400 CF/SX. 19. MENT @
		VA PUI SX DIS CH TO 15.3 TO YIE PRI ELL	LVE TO 20 MPED 160 (84 BBLS) SPLACED 0 ECKED FL P JOB #1: 1 8 PPG W/Y P JOB #2: 1 8 PPG W/Y P JOB #3: 1 ELD OF 1.1 EPARING 1 ENBURG 2	00 PSIG. BBLS WATER & OF PREMIUM (CEMENT W/169. OAT, FLOAT HE MIXED & PUMP IELD OF 1.15 CI MIXED AND PUI IELD OF 1.15 CI MIX 100 SX (21 I 5 CF/SX. WELL	NTERS. F 2 20 BBLS CEMENT 4 BBLS F ELD. SHU ED 100 S F/SX. NO MPED 150 F/SX. NO BBL'S) OF RETURN ROTARY ONTO LO	GELLED WAW 12% CACL2 RESH WATER T-IN CASING X (21 BBLS) CRETURNS. W CONTROL STATE OF SETURNS. W FOR PREMIUM CRED FLUID AT RIG WHILE TO	TER FLUS MIXED C B. BUMPEI VALVE. N OF PREMIU OC 4 HRS. OC 3 HOU CEMENT W 11 BBL'S TOPPING C EDIATELY	H AHEAD C EMENT @ D PLUG W/8 IO RETURN UM CEMENT MIUM CEMI RS. // 2% CACL AWAY AND DUT CEMEN	DF CEMENT. 15.6 PPG W/Y 100 PSI @ 10:1 IS. IF W/2% CACI ENT W/2% CACI MIXED CEM STOOD FUL STOOD FUL STAIGS RIG #2	MIXED & PUM TELD OF 1.18 (17 AM, 4/13/200 L2. MIXED CET ACL2. MIXED (MENT @ 15.8 PI L. DEPARTS.	IPED 400 CF/SX. 99. MENT @ CEMENT

\$0

Completion

Daily Total

\$43,143

Well Total \$324,449 **Cum Costs: Drilling** \$324,449 Completion \$0 2,263 0 MW0.0 Visc 0.0 MD TVD 2,263 Davs **Progress** PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf: Activity at Report Time: R/D PREPARE FOR RIG MOVE. **Activity Description** Start End Hrs 24.0 RIG DOWN AND PREPARE FOR RIG MOVE. 06:00 06:00 ACCIDENTS NONE REPORTED. SAFETY MEETING: RIG MAINTENANCE. CREWS FULL. FUEL ON HAND: 400 GALS TRANSFERRED FROM NBU 642–13E MATT WILLIAMS/JESSE TAMAN 04-15-2009 Reported By \$71,890 DailyCosts: Drilling **Daily Total** \$71,890 Completion \$0 \$396,339 \$0 Well Total \$396,339 Completion **Cum Costs: Drilling** 0.0 0.0 3,354 1,105 MW Visc MD TVD 3,354 **Progress** Days PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf: Activity at Report Time: DRILLING 3354' **Activity Description** Start End 1.0 CONTINUE TO RIG DOWN FOR RIG MOVE TO NBU 641-13E 06:00 07:00 4.0 SAFETY MEETING W/ HOWCROFT & RIG HANDS, MOVE & RIG UP ON NEW LOCATION NBU 641-13E, .5 11:00 07:00 MILES. SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP, CONTINUE RIGING UP. INSTALL NIGHT CAP ON NBU 642-13E W/FMC. 14:00 3.0 NIPPLE UP BOP, FLAIR LINES, FUNCTION TEST BOP, RIG ON DAY WORK @ 11:00 HRS, 04/14/09 11:00 3.5. TEST BOP AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, 14:00 17:30 LOWER KELLY, FLOOR VALVE & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH. TESTED ANNULAR 250 PSI LOW & 2500 PSI HIGH. 18:00 0.5 INSTALL WEAR BUSHING. 17:30 1.5 PICK UP DRILL STRING TAG CEMENT @ 2171'. 18:00 19:30 1.0 DRILL CEMENT, FLOAT & SHOE F/2171' - 2273'. 20:30 19:30 0.5 RUN FIT TEST @2249' WITH 9.1 PPG MUD & 170 PSI = 10.1 PPG EMW. 21:00 20:30 0.5 SURVEY @ 2221' = 1 DEG. 21:00 21:30 7.5 DRILL ROTATE 2259' - 3263', 10-18K WOB, 55/68, 120 SPM, 409 GPM, 150-300 PSI DIFF, 133 FPH. 05:00 21:30 0.5 SURVEY @ 3263' - 1.5 DEG. 05:00 05:30 0.5 DRILL ROTATE 3263' - 3354', 10-18K WOB, 55/68, 120 SPM, 409 GPM, 150-300 PSI DIFF, 182 FPH. 05:30 06:00 SAFETY MEETING ON MOVING RIG & PRESSURE TESTING BOP. WEATHER IS CLEAR & TEMP IS 40 DEG. FULL CREWS & NO ACCIDENTS. COM OK FUEL 3739 GAL. FORMATION MAHOGAN.

06:00 **04-16-2009**

Reported By

JESSE TAMAN

MUD WT 9.1 PPG & 34 VIS.

SPUD A 7 7/8" HOLE WITH ROTARY TOOL @ 20:30 HRS, 4/14/09.

DailyCost	s: Drilling	\$	121,009	Cor	mpletion	\$0		Dail	ly Total	\$121,009	
Cum Cost	s: Drilling	\$:	517,348	Cor	mpletion	\$0		Wel	l Total	\$517,348	
MD	5,759	TVD	5,759	Progress	2,405	Days	2	MW	10.5	Visc	36.0
Formation	ı :		PBTD : 0	0.0		Perf:			PKR De _l	pth: 0.0	
Activity a	t Report Tiı	me: DRII	LING @ 5759'								
Start	End	Hrs	Activity Desc	ription							
06:00	09:30	3.5	DRILL ROTAT	E 3354' – 3890	', 14–20K	WOB, 55/68, 1	20 SPM, 40	09 GPM, 150	–300 PSI DIFI	F, 153 FPH.	
			MUD WT 10.0	PPG & 36 VIS.							
09:30	10:00	0.5	SURVEY 2822	' = 2.75 DEG.							
			SERVICE RIG								
10:00	06:00	20.0	DRILL ROTAT	E 3890' – 5759	', 14–20K	WOB, 55/68, 1	20 SPM, 40	09 GPM , 150	–300 PSI DIFI	F, 93 FPH.	
			SAFETY MEE	TING ON MAI	KING CON	NECTION &	TEAM WO	RK.			
			WEATHER IS	CLEAR & TEM	1P IS 32 DI	EG.					
			FULL CREWS	& NO ACCIDI	ENTS.						
			COM OK.								
			FUEL 2463 GA	L.							
			FORMATION I	BUCK CANYO	N.						
			MUD WT 10.5	PPG & 36 VIS.							
)4-17-20	09 Re	ported F	By JE	ESSE TAMAN							
DailyCost	s: Drilling	\$3	37,358	Cor	npletion	\$0		Dail	ly Total	\$37,358	
Cum Cost	s: Drilling	\$:	554,706	Con	npletion	\$0		Wel	l Total	\$554,706	
MD	7,125	TVD	7,125	Progress	1,366	Days	3	MW	11.0	Visc	38.0
Formation	ı:		PBTD : 0	0.0		Perf:			PKR De _l	pth: 0.0	
Activity at	Report Ti	ne: SHO	RT TRIP								
Start	End	Hrs	Activity Desc	ription							
06:00	12:30		DRILL ROTAT	-	'. 14–22K V	WOB. 55/68. 1	20 SPM. 40	09 GPM, 150	-300 PSI DIFI	F, 76 FPH.	
12:30	13:00		SERVICE RIG.		,	.,,, .	,				
13:00	04:45		DRILL ROTAT		'. 14–22K ^v	WOB, 55/68, 1	20 SPM, 40	09 GPM, 150	-300 PSI DIFI	F, 55 FPH. REA	CHED T
15.00	01.15	15175	@ 04:45 HRS,		,	, , , , , , , , , , , , , , , , , , , ,	,	,			
04:45	05:30	0.75	CIRCULATE F	OR SHORT TE	RIP.						
05:30	06:00	0.5	WIPER TRIP, S	SHORT TRIP 20) JOINTS.						
			SAFETY MEE	TING ON OPE	RATING F	ORKLIFT & T	RIP HAZA	RDS.			

04-18-2009	Reported By	JESSE TAMAN	ESSE TAMAN				
DailyCosts: Drilli	ng \$23,839	Completion	\$4,224	Daily Total	\$28,063		
Cum Costs: Drilli	ng \$578,546	Completion	\$4,224	Well Total	\$582,770		

FULL CREWS & NO ACCIDENTS.

FORMATION PRICE RIVER. MUD WT 11.0 PPG & 38 VIS.

COM OK. FUEL 1318 GAL.

 MD
 7,125
 TVD
 7,125
 Progress
 0
 Days
 4
 MW
 10.9
 Visc
 35.0

 Formation:
 PBTD: 0.0
 Perf:
 PKR Depth: 0.0

Activity at Report Time: CIRCULATING FOR CEMENT

•	-		
Start	End	Hrs	Activity Description
06:00	07:30	1.5	WIPER TRIP, SHORT TRIP 20 STANDS.
07:30	09:00	1.5	CIRCULATE FOR LAYING DOWN DRILL STRING.
09:00	19:00	10.0	LAYDOWN DRILL STRING & WORK TIGHT HOLE F/5100' – 2400'.
19:00	21:00	2.0	RIG UP CASING CREW & HOLD SAFETY MEETING RUNNING CASING.
21:00	06:00	9.0	RAN 176 TOTAL JOINTS (176 FULL JOINTS + 2 MARKER JOINTS & 1 PUP JOINT) OF 4.5", 11.6#, HCP-110, LT&C CASING AS FOLLOWS: 1 WEATHERFORD FLOAT SHOE SET @ 7124', 1 JOINT OF CASING, 1 WEATHERFORD FLOAT COLLAR SET @ 7082', 28 JOINTS OF CASING,1-21' MARKER JOINT SET @ 5947' - 5967', 32 JOINTS OF CASING, 1-22' PUP JOINT SET @ 4649' - 4670', 24 JOINTS OF CASING & 1-11' MARKER JOINT SET @ 3658' - 3669', 91 JOINTS OF CASING & 1 CASING HANGER ASSEMBLY. RUN 15 TOTAL CENTRALIZERS AS FOLLOWS, 5' ABOVE SHOE ON JOINT #1 & ON TOP OF JOINT #2, THEN EVERY 2ND JOINT TO JOINT #28 @ 5813', CONFIRMED TD WITH CASING, TAGGING AT 7125' WITH JOINT #177. SET CASING IN MANDREL HANGER WITH FULL STRING WEIGHT. (64,000# WITHOUT BLOCK WEIGHT).

SAFETY MEETING ON LAYING DOWN DRILL STRING & RUNNING CASING.

WEATHER IS PARTLY CLOUDY & TEMP IS 36 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 782 GAL.

FORMATION PRICE RIVER.

MUD WT 11.0 PPG & 38 VIS.

04-19-2009	Re	ported By	JE	ESSE TAMAN							
DailyCosts: 1	Drilling	\$50,	199	Con	npletion	\$139,617		Daily	Total	\$189,816	
Cum Costs:	Drilling	\$628	3,745	Con	npletion	\$143,841		Well '	Total	\$772,586	
MD	7,125	TVD	7,125	Progress	0	Days	5	MW	0.0	Visc	0.0
Formation :			PBTD : 0	0.0		Perf:			PKR De _l	oth: 0.0	

Activity at Report Time: RDRT/WO COMPLETION

08:00

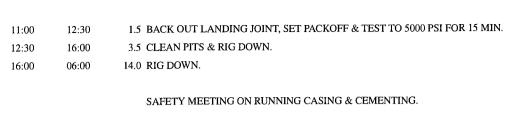
10:00

11:00

Start	End	Hrs	Activity Description
06:00	08:00	2.0	CIRCULATE FOR CEMENT.
			HOLD SAFETY MEETING ON CEMENTING.

2.0 RIGGED UP CEMENT HEAD, PRESSURE TESTED LINES TO 4000 PSI & CEMENT 4 1/2" PRODUCTION CASING AS FOLLOWS:PUMPED 10 BBLS FRESH WATER, PUMPED 20 BBLS MUD FLUSH SPACER. PUMPED 10 BBLS FRESH WATER, PUMPED 380 SACKS (121.3 BBLS) OF HIGHBOND 75 PREMIUM – CLASS G CEMENT WITH 2% BENTONITE, 2 MICROBOND, 3% VERSASET @ 12.00 PPG, 1.837 CFPS, 9.863 GPS FRESH WATER. PUMPED LEAD CEMENT @ 4 BPM & 675 PSI. PUMPED 920 SACKS (238.8 BBLS) EXTENDACEM (TM) SYSTEM PREMIUM – CLASS G CEMENT WITH .125 LBM/SK POLY-E-FLAKE (LOST CIRCULATION ADDITIVE), 2% BENTONITE, 75% HALAD (R)-322, 3% POTASSIUM CHLORIDE– KCL, 3 LBM SILICATE – COMPACTED, .2% WG-17, 13.50 PPG, 1.47 CFPS, 6.98 GPS FRESH WATER. PUMPED TAIL CEMENT @ 6 BPM & 300 PSI. DISPLACED WITH TOTAL OF 110 BBLS FRESH WATER. FIRST 60 BBLS DISPLACEMENT @ 6.5 BPM & 800–2200 PSI, PUMPED 2ND 10 BBLS DISPLACEMENT @ 4 BPM & 2100 PSI, 10 BBLS SHY OF BUMPING PLUG, REDUCED DISPLACEMENT RATE TO 2 BPM & 2050 PSI. BUMPED PLUG WITH 3100 PSI @ 10:00 HOURS, CHECKED FLOATS & FLOATS HELD. FULL RETURNS. (10 BBLS CEMENT TO SURFACE).

1.0 RIG DOWN CEMENTERS.



FULL CREWS & NO ACCIDENTS.

COM OK.

TRANSFER 350 GAL OF DIESEL FUEL @ \$2.03/GAL

TRANSFER 5 JOINTS 203.59' OF 4.5" P-110, 11.6#, LTC CASING TO CWU 743-2

MOVING RIG 12 MILES TO CWU 743–2 TRUCKS SCHEDULED FOR 04/19/2009.

06:00

RELEASED RIG @ 16:00 HRS, 04/18/2009.

CASING POINT COST \$599,893

Formation:		PBTD :	7083.0		Perf:			PKR Dep	oth: 0.0	
MD 7,12	25 TV E	7,125	Progress	s 0	Days	6	MW	0.0	Visc	0.0
Cum Costs: Drill	U	\$628,745		Completion	\$181,141		Well		\$809,886	
DailyCosts: Drill	ing	\$0	(Completion	\$37,300		Daily	Total	\$37,300	
04-29-2009	Reporte	d By	SEARLE							

Activity at Report Time: PREP FOR FRACS

Start End Hrs Activity Description

06:00 06:00 24.0 MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 360'. EST CEMENT TOP @ 570'.

RD SCHLUMBERGER.

Sundry Number: 47981 API Well Number: 43047500580000

	FORM 9		
[5.LEASE DESIGNATION AND SERIAL NUMBER: U-08512-A-ST		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 641-13E		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	9. API NUMBER: 43047500580000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	9. FIELD and POOL or WILDCAT: 929-6 100ATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0990 FNL 1184 FEL	COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NENE Section: 1	STATE: UTAH		
11. CHECI	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTIO	N
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
SUBSEQUENT REPORT Date of Work Completion:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATI	ONS CONVERT WELL TYPE
	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
✓ DRILLING REPORT Report Date: 1/18/2014	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
l .	COMPLETED OPERATIONS. Clearly show. WAS RETURN TO PRODUCT A SHUT-IN STATUS.		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUME	ER TITLE Staff Regulatory Spec	ialiet
SIGNATURE	720 929-6236	DATE	เฉแอเ
N/A		2/19/2014	

RECEIVED: Feb. 19, 2014

Sundry Number: 70559 API Well Number: 43047500580000

	FORM 9		
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: U-08512-A-ST		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for procurrent bottom-hole depth, IFOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES		
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 641-13E		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	9. API NUMBER: 43047500580000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	9. FIELD and POOL or WILDCAT: 65NATERAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0990 FNL 1184 FEL	COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NENE Section: 1	STATE: UTAH		
11. CHECI	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date from this class.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
3/11/2016	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
DRILLING REPORT Report Date:	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
42 DESCRIPE PROPOSED OR	COMPLETED OPERATIONS. Clearly show		<u></u>
	E well was returned to proc Thank you.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 22, 2016
NAME (PLEASE PRINT)	PHONE NUMB		
Jennifer Thomas	720 929-6808	Regulatory Specialist	
SIGNATURE N/A		DATE 3/21/2016	

RECEIVED: Mar. 21, 2016